

UNIVERSITY OF TORONTO

Bulletin

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Monday, February 21, 1983

U of T asks OCUA to recommend suspension of funding formula

Enrolment jumps at other universities will lower our share, President tells Council

President James Ham told Governing Council Feb. 17 that he has written to Premier William Davis, Minister of Colleges & Universities Bette Stephenson and the Ontario Council on University Affairs (OCUA) to alert them to the effect on the University of Toronto of sudden and marked rises in enrolment at some Ontario universities.

The "astonishing sudden increases in enrolment for reasons of direct financial advantage" have the potential to upset the stability of the university system, the President told Council. He has asked OCUA to suspend the formula by which the total government grant is allocated to universities according to basic income units derived from the number of students enrolled. As a matter of principle, he told OCUA, the funds for next year should be distributed among the universities on an equal percentage basis.

If the present formula is used, the basic global funding increase of 7.5 percent (which does not include \$12 million or 1.1 percent for books and

equipment to be distributed on last year's base) will mean a projected increase of only 6.2 percent for U of T and about seven percent for Guelph and McMaster but more than 12 percent more for York and more than 13 percent more for Brock.

"The fluctuations reflect a strategic opportunism," the President told Council. "Some are attempting to maximize what any institution can get out of the system." Since cost levels will be similar for all universities in 1983-84 now that the government has restricted salary increases, he believes increases should also be stabilized. The formula was not designed to deal with a situation where one or two universities see fit to increase their enrolment dramatically, he said.

President Ham acknowledged that there was little chance that OCUA would agree to suspend the formula for allocating 1983-84 grants, but he said a more important concern was the foundation for a new formula. OCUA is investigating a new arrangement that would move the university system

into a fixed-share situation that would deter institutions from increasing enrolment drastically. The share would be fixed until enrolment fell below a certain floor. "Our concern is that the new formula will accept the radical shifts that have taken place this year and propagate them," he said. Such an arrangement "would not

serve this university well in terms of its proper claim on the resources of this province." The new formula, he said, should be presented openly for the public to consider.

Dr. Charles Hollenberg asked whether his understanding was correct that the President had put into

Continued on Page 2

8.6 percent increase in 83-84 funding

will mean a 7.3% increase for U of T

by Judith Knelman

Universities have been given an 8.6 percent increase in operating grants for 1983-84 by the province of Ontario, while community colleges will

get 9.47 percent. At both, tuition increases are to be held to five percent except for visa students.

The increase to universities includes a one-time-only grant of \$12 million or 1.1 percent for books and equipment. While the inclusion in the grant of a sum earmarked for these resources is a welcome signal that the government recognizes that they are badly needed, it brings the basic grant down to 7.5 percent, said U of T President James Ham. He would like to see the additional 1.1 percent established in the base in future years.

The University of Toronto's share of the total given to Ontario universities will be smaller this year than it has been if the same formula is used for distribution because enrolment has increased less here than at some other universities. Chairman Burton Matthews of the Ontario Council on University Affairs (OCUA) said last week his council would be meeting Feb. 18 to consider a request from President Ham that the formula be suspended, i.e., that the universities get the same share as they got last year. OCUA will then make its recommendation to Bette Stephenson, minister of colleges and universities, as to the best method of allocating the total amount of money available.

Matthews said in the last three years Toronto has got as much as or more than the average for the system. This would be the first year U of T would get less than the average. "In order to retain your share, you have to increase at least at the average rate," he said. "They haven't increased their enrolment as much as others." Enrolment at U of T since 1979-80 has gone up by six percent, he said. At York in the same period it has jumped by 42 percent and at Brock by 50.5 percent.

David Nowlan, vice-president (research and planning), said that if the current formula is used the increase for U of T will be only 6.2 percent. "A few of the universities

Continued on Page 2

Premier tells GRAUT delegation universities not underfunded

A delegation of administrators, faculty members, students and staff spent nearly two hours with Premier William Davis on Feb. 16, the day after provincial funding for universities for 1983-84 was announced.

Purpose of the visit by members of the Government Relations Alliance at the University of Toronto (GRAUT) was not to discuss present finances but to communicate the ravages of persistent underfunding.

"The Premier said he didn't believe the university sector was underfunded," said David Nowlan, vice-president (research and planning), who presented a statement on behalf of the delegation. "He said he didn't expect us to believe it, and we said he was right — we didn't."

Nonetheless, said Nowlan, Davis responded positively to the group's explanation of its problems. "No immediate resolution was evident, but we weren't seeking one. What we sought to accomplish was to develop a degree of sensitivity in his understanding of our situation, and I think we were successful in accomplishing that."

The Premier was told that already the employee complement at U of T has been reduced by about 120 positions and in the next year or two between 100 and 200 academic positions and a similar number of non-academic positions will be eliminated.

Davis maintained that the perceived problem of underfunding is in fact structural. Some departments and faculties in Ontario universities will have to be closed down, he told the group, but he is not considering closing an entire university. He said discussions have taken place between university officials and Bette Stephenson, minister of colleges and universities, about restructuring and rationalizing the system.

Nowlan's brief said inflation-adjusted expenditures per student at U of T have gone down by nearly 30 percent in the past 10 years while similarly adjusted expenditures per student in the province's elementary and secondary schools have gone up by about 45 percent and patient-day expenditures in Ontario hospitals have gone up by more than 50 percent. Davis agreed that the voting public is much more responsive to medical and hospital needs than to those of universities.

Other topics discussed at the meeting included research funds, the formula for allocating grants among the universities, the setting of tuition fees independently by each university and the need for alternative fundraising.

The group plans to continue to lobby on behalf of the University of Toronto, aiming not only at politicians but at the public. "We have become aware

that we have not been as effective as we should be as a community," said Professor Fred Wilson, chairman of GRAUT.

The lobbying alliance was set up in the fall of 1981 by the University of Toronto Faculty Association (UTFA), which invited participation from the administration and other campus constituencies. Besides Nowlan and President James Ham, the delegation included representatives from UTFA, the University of Toronto Staff Association, the Students' Administrative Council, the Graduate Students' Union, the Association of Part-time Undergraduate Students, the University of Toronto Alumni Association and the Canadian Union of Educational Workers.

Two weeks before the meeting with the Premier, GRAUT had seven MPPs to breakfast at Hart House in order to brief them on the University's needs. The result was a series of questions in the legislature on post-secondary education directed at Davis, who insisted there was nothing inherently wrong with large classes. The delegation subsequently brought him up to date on class sizes. In the early 1950s when he attended university, there were 10 or 11 students for every teacher, but now the ratio is 17 to one, he was told.

question the actions of two other universities in the province with respect to their enrolment policies and had suggested that they were opportunistic. "The truth has to be faced up to," said the President. "At least one university has increased its first year by something like 30 percent and another even more. The consequence of this is to destabilize the whole basic formula system. It leads to results which I believe quite frankly are unconscionable."

"I am uncomfortable that this action was taken," said Hollenberg.

Terence Wardrop said the numbers game seemed to him a totally irresponsible way for universities to solve their financial problems. "Surely this will split the universities in the province and lead to a stratification in the long run."

The President said the "beggar-your-neighbour situation" encouraged by the present formula in a period of underfunding had indeed begun to split the universities. The Council of Ontario Universities, he said, is no longer able to meet with a sense of unity of purpose. "The formula must be changed," he said. "Precipitate acceptance by the minister of a recommendation by OCUA to continue the formula this year will not carry the support of this institution."

The President said in 1979-80 OCUA had asked U of T to limit enrolment increases in order to protect other universities. At the March 1980 spring hearings of OCUA the University agreed to do so. "Did we not set up this situation?" asked Professor S.M. Uzumeri.

"With the best intentions, the

answer is yes," said Chairman John Whitten.

The President also reported that he had led a delegation to the Premier Feb. 16 and discussed the problems of universities in general and U of T in particular. "We reminded the Premier that this is the provincial university by statute, by history and by performance." He said they had a long, good discussion.

In response to a question about the pension fund from Professor Jean Smith, A.C. Pathy, vice-president (business affairs) said a tripartite committee on pension review consisting of representatives of the University of Toronto Faculty Association, the University of Toronto Staff Association and the administration was discussing the possibility of a \$3.6 million charge against the 1983-84 budget and he would report back at the next meeting of Council. There is a current underfunded liability of about \$20 million in the pension fund that requires amortization at the rate of \$3.6 million annually.

Smith asked whether the amount of the shortfall in the pension fund was attributable to the fact that the market was in a trough in June 1982 when the actuarial report was compiled. Pathy replied that it was.

In other business, Council approved:

- the proposal for Phase III of the Erindale College residences
- the sale of a debenture of up to \$1.3 million for the residences
- a policy statement for the community relations office
- the naming of the new art gallery at Hart House for Justina M. Barnicke

UTSA negotiating for end to layoffs

A commitment from the administration to end layoffs will be the U of T Staff Association's foremost goal during this year's salary and benefits negotiations. As a first step, UTSA wants the administration to reinstate immediately the hiring freeze imposed for three months last summer.

"By reinstating the freeze, the administration would boost staff morale and gain UTSA's cooperation in tackling the admittedly difficult problems facing the University," says a statement issued by the negotiating committee.

Morale is at an all-time low as work-

loads increase when job vacancies are not filled and as staff speculate about where layoffs will come next, says the statement. UTSA rejects any suggestion that staff give up part of this year's scheduled economic increase (five percent) to save jobs. Staff members are not overpaid for the work they perform, says UTSA, and an institution as large as U of T (with an estimated 3,500 non-unionized support staff) should have too much flexibility to justify any layoffs. As alternatives, UTSA proposes attrition, early retirement, extended leaves, and retraining.

1983-84 funding

Continued from Page 1

packed a lot of students in this year." He said U of T suggested at the 1982 spring hearings of OCUA that the formula be revised, but OCUA indicated that a new one would not apply to grants for 1983-84. He feels "deep chagrin" that the increase, if the distribution pattern goes according to the formula, could be such a low figure. In total it would be 7.3 percent, close to the estimate adopted for the budget guidelines, but part of this would be a one-time-only grant, he pointed out.

"It's clear that what we have said repeatedly about the impact of the University's ill-considered enrolment policy on provincial grants is now coming true with terrible vengeance," said Harvey Dyck, president of the University of Toronto Faculty Association (UTFA). "There's no question but that we must seriously review the enrolment policy. It's a suicidal policy. Very serious mistakes have been made in this area, and everything we predicted is coming true."

Dyck said UTFA considers the funding increase a disaster. "We're deeply disappointed that in a year in which the universities have played a very significant role in alleviating unemployment by taking in more students the government has inflicted a deep cut. There will be serious damage to the university system."

The Council of Ontario Universities said in a statement: "The cumulative effects on universities of almost a decade of underfunding and a declining share of government expenditures will not . . . be reversed by the grants for 1983-84." Ontario's last-place rank among the provinces in terms of operating grants per student is unlikely to change, said the statement, but the universities do appreciate that an 8.6 percent increase in times of restraint represents a serious commitment to the university sector.

At OCUA, the response to the funding announcement was one of relief. Its memorandum to Stephenson on what would be needed by the universities, revised after wage restraints were announced, had suggested a 9.2 percent increase with \$12 million earmarked for books and equipment, but not for one time only. Nonetheless, Matthews said the 8.6 percent was better than he had expected. "The way talk has been, I thought we might have been left with something less. Generally speaking, the universities should be reasonably happy — compared to what it might have been."

Said David Bates, president of the Ontario Confederation of University Faculty Associations: "The government's own advisory body has said that inadequate levels of funding in the years since 1977-78 have resulted

in larger classes, deteriorating buildings and equipment and outdated libraries and research facilities. The increase announced by the minister will not change this situation. In fact, it will continue the erosion."

Tim Van Wart, president of the Students' Administrative Council, said the increase is probably a little higher than expected, "but that is not to say that it addresses the fundamental issue of underfunding."

Said Michael Jackel, president of the University of Toronto Staff Association: "It's not enough, and it's obviously going to cause problems here."

Elizabeth Paterson, director of the International Student Centre, said the large increases in fees for students who are not landed immigrants or Canadian citizens will cause difficulties especially for Third World students and those from countries whose economic woes have created a shortage of foreign currency. Fees for undergraduate visa students will increase from \$2,700 to \$3,780 in arts and science and from \$4,400 to \$6,160 in professional and upper-level science courses. The arts and science fee will not be appreciably different from what the Toronto Board of Education charges for grade 13, said Paterson — \$3,950 this year, \$4,300 next year. But the steep fee for engineering, which attracts many foreign students, will be a problem.

Fees for graduate visa students will increase by five percent to \$2,310 per term, which translates into at least \$5,200 as compared with \$4,400 for the current year.

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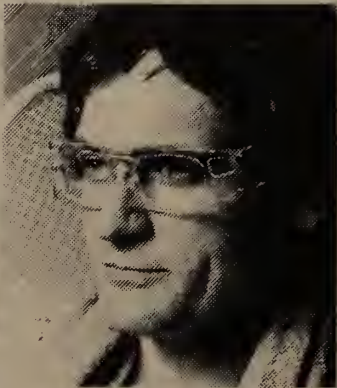


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Vice-president of research recommended

Without undue delay, the University should appoint a senior officer responsible solely for research, says a report on U of T's research structures. A survey conducted last fall indicates broad support for a single, senior-level voice to speak forcibly for greater research support, say the report's authors, Professors Frances Halpenny, Geraldine Kenney-Wallace and David Mettrick — chairmen of the three committees constituting the University's Research Board. Their review of research structures was initiated by David Nowlan, vice-president (research and planning) and registrar. (See story below.)

In addition to the responsibilities implied by his title, Vice-President Nowlan plays a leading role in negotiating academic salaries and in developing the University's annual budget, as well as overseeing nine operational units, including the media and computer centres. Because of conflicts of time and advocacy as that office is now constituted, the report urges a separation of responsibility for research and warns that undue delay could provoke some of the University's best researchers to leave for institutions more supportive of their endeavours.

If the senior officer in charge of research were merely one of a number of vice-provosts, the needs of research could be submerged by all the other business in the provost's office, says the report, proposing rather that the

new position be a vice-presidency. Within the University, a vice-presidential rank would indicate that research was being accorded as much weight as business affairs, institutional relations and personnel and student affairs; and externally, that would be the rank most appropriate to meeting with senior representatives from government and the private sector.

Besides providing strong advocacy for research both within and outside the University, the proposed VP (Research) would:

- develop a catalogue of all research activity at the University
- integrate research needs into University-wide planning
- work to attract research contracts
- bring appropriate government representatives to the campus
- develop a directory of alumni in key government, industry, corporate or other senior positions who could help promote the University's case for increased research funding

The VP (Research) would have a senior executive assistant, with considerable experience in academic matters and part of whose career had been spent as an active researcher. This senior executive assistant, who would be someone of the calibre of the present assistant vice-presidents, would be responsible for the day-to-day operation of the Office of Research Administration, which would

be restructured and renamed the Office of Research.

Under the proposed restructuring, the Research Board would remain an independent, consultative body whose members are appointed by the University President and whose chairman is a leading researcher of international calibre. The report suggests, however, that the Research Board include more junior members to give a wider breadth of comment on issues.

"Its composition at present appears to be heavily slanted towards the most successful researchers, and those well funded. This composition may have been one reason the board established the policy that grant-supported staff should have a status equal to that of university-appointed administrative staff.

"That particular policy is presently raising increasing concern among investigators who cannot match the required 23 percent salary increase in a 13-month period. The result has been some termination of appointments and loss of research capability; hardly what the board originally intended!"

The VP (Research) would bring to the Research Board policies and posi-

tion papers developed in the Office of Research. At the same time, the board itself might initiate reviews of existing policies relating to research, or might identify new areas for which policies should be developed.

The report suggests that the School of Graduate Studies should be in closer contact with the Research Board than it is at present.

"The school's continuous connection with graduate departments across the whole University gives it a broad knowledge of research initiatives and accomplishments involving both graduate students and supervisors. The school is therefore in a position to speak on research policy and to assist in advocacy for research outside the University."

The Caucus on Research was cited in the report as an example of how SGS and the Research Board have worked together productively.

The authors of the report note that the review of research structures "generated new hope among researchers that their present difficulties have been recognized.

"We urge, in the strongest terms, that they not be disappointed."

Research 'subsidy' of teaching at 'critical' level

by Pamela Cornell

Fifty percent of the laboratory classes in some departments would have to be cut if money from research grants were not used for teaching supplies, says a report on research structures at the University of Toronto. In effect, says the report, there is a research "subsidy" to teaching, without which the quality of some courses would decline significantly.

Based on more than 60 written submissions received in response to a letter to all principals, deans, directors and departmental chairmen, the report was compiled by Professors Frances Halpenny, Geraldine Kenney-Wallace and David Mettrick — chairmen of the three committees constituting the University's Research Board.

In the largest faculty of the University (arts and science), says the report, there are no budget appropriations for graduate teaching expenses nor for the equipment and supplies to assist graduate students in their research (with the exception of computing expenses). Yet the University receives from the government \$16,000 a year for the training of each graduate student. Moreover, when course loads are calculated, no recognition is given in some departments to professors who teach graduate courses. Meanwhile, cuts imposed on the School of Graduate Studies budget have had a significant detrimental effect on the activities of the graduate research centres and institutes.

While the authors acknowledge that chronic underfunding of universities by the Ontario government is at the root of the problem, they report widespread feeling that U of T has

failed to place a high enough priority on research among other competing claims for support.

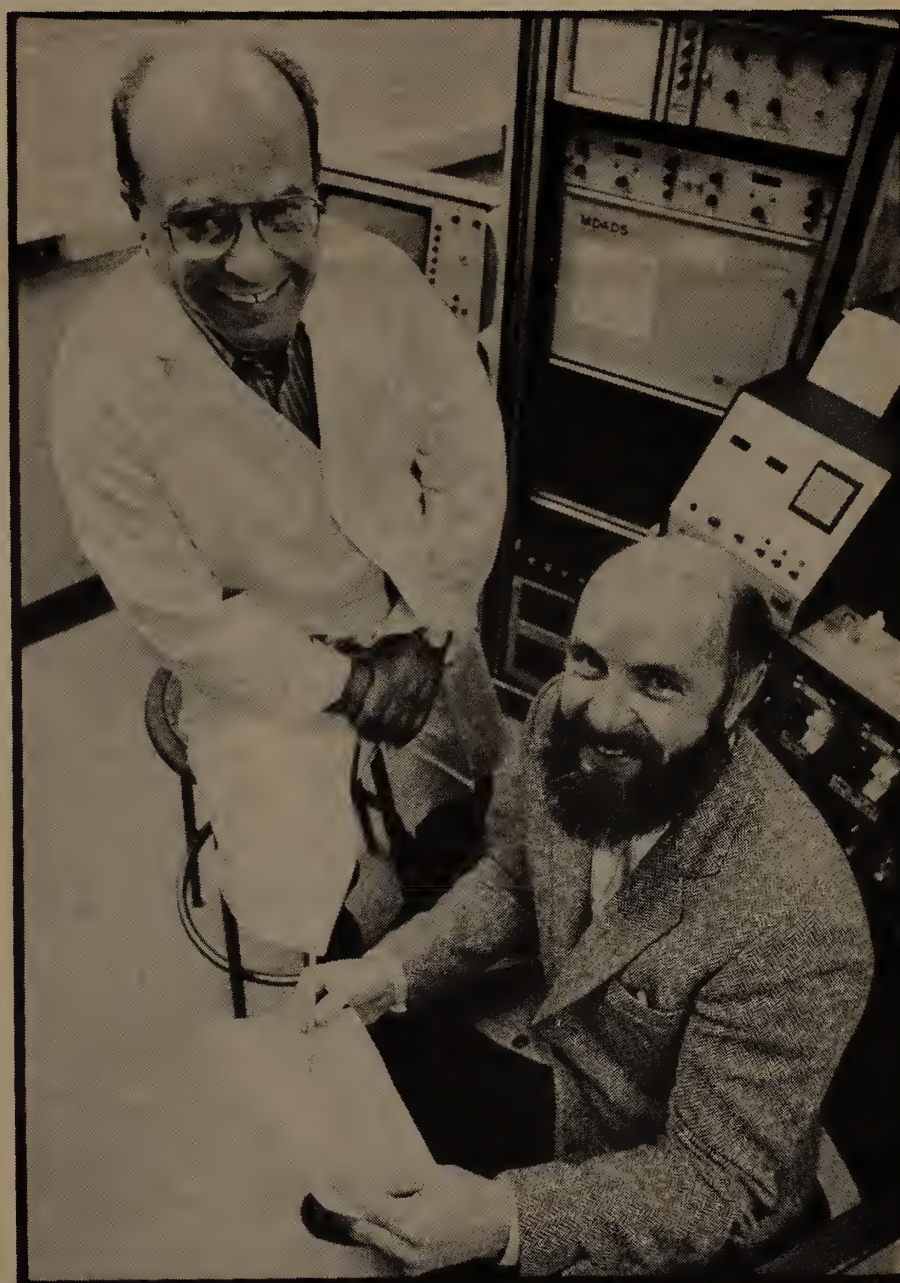
Many faculty members say their research activities have become too largely dependent on external funding, especially by the federal government. Grants-in-aid of research from external sources are being expected to allow not only for the purchase of equipment, support staff, and time, but also for many administrative and technical support services previously offered by the University.

Ten years ago, there was a recognition that certain basic services — computers, electron microscopes, analytical facilities, animal care centres, and technical workshops (glass blowing, machine, electrical) — were required to conduct experimental research in the science departments. Today, virtually all of these services are charged against research grants, with up to 100 percent recovery of actual costs.

The president and senior members of the Natural Sciences & Engineering Research Council have publicly expressed concern over the extent to which some universities are transferring, directly from research grants, costs of what had been viewed as the infrastructure supporting research. This subsidization of the University's teaching and operating costs has reached critical levels, say researchers.

Three-year grants are normally for a fixed amount, with a possible inflationary adjustment to the second and third instalments. Such adjustments, the report says, are usually incapable of accommodating major salary in-

Continued on Page 4



Donation buys new laser

Toronto physician Dr. Olindo Casullo (right) has given \$32,000 to the Faculty of Medicine for the purchase of a Krypton-ion laser for the faculty's cell sorter. Dr. Casullo has worked for the past year with Dr. Jack Hay of the Department of Pathology (left) conducting research on the recirculation of lymphocytes, and has recently joined Dr. Hay's group as a research associate.

The cell sorter is used by about 25 investigators on a cost-recovery basis. In a variety

of diseases, such as allergy, cancer and auto-immune diseases, it is important to isolate specific cells that may be causing the disease. Since many different cell types share a particular characteristic, more information — a better "fingerprint" — is needed to pick out the cell of interest. With the new laser, cells can be identified by three characteristics simultaneously, allowing an investigator to isolate highly purified populations of the potentially relevant areas.

Research

Continued from Page 3

creases, such as the current 1982-84 increase of at least 23 percent (18 percent in 1982-83 and five percent in 1983-84) plus merit awards, all within a 13-month period. NSERC president Gordon McNabb has already warned grantees that 1983-84 grants might have no inflationary increase. Consequently, the report calls for "more creative and flexible procedures . . . in (the) Personnel (Department) so research support staff can be designated as part-time".

Researchers fear an urgent need to secure basic resources for research will become the driving reason to seek support. At the same time, external funding has become increasingly oriented to politically-determined "strategic" or "targeted" areas, rather than to basic and applied research motivated solely by the investigator's intellectual curiosity and choice. The University appears to have lost the ability to influence the direction, the magnitude, and the nature of the research now being conducted in the institution, says the report.

Commentators across all disciplines refer to a tendency among scholars not to "rock-the-boat" in times of intense competition for research funds, lest challenging the accepted conventional wisdom be grounds for rejecting a research project. Peer review — an essential part of reaching decisions on research proposals — must be by experts, who have presumably helped establish the conventional wisdom.

"Imaginative and challenging intellectual activity is always accompanied by risks," says the report. "Understanding and knowledge are not advanced by 'safe' research."

A review of the present internal assessment mechanisms is recommended by the authors, who say they

were informed of instances where proposals of distinguished researchers were not sent out for peer review by experts but turned down by what one respondent called "a faceless internal committee of non-experts". Interdisciplinary research is seen as being in particular need of encouragement, advice, sustenance, and trial support.

Some divisions perceive a preference by the national research councils for "group" research to the detriment of research by individual investigators.

"The formation of a group should be a spontaneous result of collaborated research among individuals with common goals," says the report, "not a stratagem to fit the perceived preference of an agency."

In many fields of research, U of T is not at the cutting edge because the instrumentation available in the department is three or four generations behind current state-of-the-art equipment. As an example of the technology gap, the report cites the Scanning and Transmissions Electron Microscope (STEM) now on loan to a department from Carl Zeiss Canada Ltd.

"The STEM is two generations in advance of the next youngest machine in the electron microscope facility. This latter machine — purchased entirely from external funds in 1975 — cannot always meet the standards for resolution and detail required by the leading scientific journals."

Another department, which paid more than \$4 million for its equipment, now finds that replacement costs would exceed \$12 million while the annual departmental budget for equipment is only \$45,000.

Faculty have become do-it-yourselfers — spending more and more time trying to maintain teaching equipment formerly looked after by technical

staff and trouble-shooting in situations when understaffed departmental technical shops cannot respond to a crisis, let alone a routine call.

Even in the humanities, more automated equipment is required as scholars move into large editorial projects. But the biggest threat to humanities research is the declining ability of the University library system to maintain the collections at strength and to keep its cataloguing up to date. In the sciences, too, there is concern over the maintenance of journal subscriptions, in the face of the continuing entry of new, more specialized journals every year.

One respondent to the Research Board survey charges the University with squandering the time and dissipating the energies of faculty on a host of non-research activities.

"Most of us know of individuals who really are poor undergraduate teachers, relatively incompetent at administrative chores, and at the same time are simply outstanding researchers. In terms of a division's aggregate human resource potential, its overall research effort, teaching and administrative effectiveness are reduced by requiring such individuals to teach and sit on committees, as well as carry on with the research."

The same respondent suggests that a major source of psychological stress among faculty members is the day-to-day frustration of having to juggle into a compatible pattern the artificial rhythms of teaching schedules in the academic year and the natural, organic rhythms of engaging in the research process as a life-time pursuit — of having to interrupt the flow of writing up research results or working up a research design to go off to class or to a committee meeting.

Money, as well as time, is being needlessly eroded, say many researchers. The practice of "ageing" invoices, for example, might benefit University cash flow and interest income, but is decidedly harmful to individual research projects. An investigator who has authorized payment on an item can end up losing credibility and money if payment is not made promptly, since delays can mean interest is added or a discount lost. It is apparently not uncommon for researchers to receive, at 30-day intervals, second and third notices of payment due and, in several instances, loss of "credit rating" has led a supplier to cancel shipment of other items.

"The horror stories associated with

accounting indicate that a substantial review of staffing requirements and procedures is a major requirement," says the report.

Many respondents suggest that investigators could effect savings by using external contractors, who were seen to be faster, more efficient, and significantly less expensive than the University's own Physical Plant Department.

Not all work should be channelled into the private sector, cautions the report. If investigators take their typing, photography, electronic and machine shop work elsewhere, the net result will be a loss of income to the departments.

"Reduction of non-academic staff in service areas must be carefully monitored. The University needs to keep these funds in the departments by offering cost-effective, quality work, rather than driving researchers to the private sector for these requirements."

Overall, the report says, respondents felt there has been a general lack of incisive decision-making together with too great a reliance on conservative collegiality and consensus.

"A consensus will not likely be reached when hard decisions have to be made to protect the heart and core of the University's research endeavours," it concludes.

UTS review and search committee

The provostial review of the University of Toronto Schools, announced in the Jan. 24 *Bulletin*, is not addressing the possibility of closing the University of Toronto Schools. Since Professor Gutteridge's term as principal of UTS will expire on June 30, 1983, a subset of the committee will undertake a search for a new principal upon completion of the review process. On the basic assumption that UTS will continue to operate, the review committee is considering new academic linkages between UTS and the University.

R.N. Wolff
Vice-Provost
and
Chairman of the
UTS Review and Search Committee

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Forster will be asked to consider academic advisory committee on budget

A report recommending revision of the process of budget preparation passed unanimously at the Feb. 10 meeting of the Academic Affairs Committee.

The working group on budget guidelines proposes an academic advisory committee on the budget to provide advice from the academic community — department heads, deans, faculty and students — and to assess the academic impact of budgetary decisions. It would influence budget development at the early, formative stages while modelling and criteria development are going on.

The proposal for the advisory committee is to be recommended to the incoming administration for use in the 1984-85 budget planning cycle. The incoming president will be asked to set aside time at points in the process of budget development at which he feels advice from the committee would be useful and meaningful. Membership would be derived from two constituencies: deans and department chairmen, and faculty and student members of Governing Council and the Academic Affairs Committee.

Purpose of the committee would be not only to improve the quality of budgetary decisions in the academic perspective but also to increase understanding of the University's financial situation among students, faculty, administrators and alumni.

The idea of providing advice from the academic side of the University to those arranging its financial affairs grew out of discussion of the budget guidelines for 1983-84 presented at the Jan. 13 meeting. Members had been told that because it was not up to Academic Affairs to approve the guidelines it was not usual for them to be discussed there. A working group was set up under the chairmanship of Tony Clement to consider how the Academic Affairs Committee could be involved as the guidelines were being prepared. (Committee Highlights, *Bulletin*, Feb. 7.)

A second working group report, on the policy and procedures on academic

appointments, was also adopted by the committee. This was a recommendation that tenure be harder to get, but that more tenure-stream positions at the assistant professor level be opened and that contractually limited term appointments (CLTAs) be eliminated. (*Bulletin*, Jan. 24.)

Dean Gordon Slemon of engineering and history professor Desmond Morton of Erindale College expressed doubts that a university-wide tenure committee would be an effective mechanism. Morton agreed with the working group that too many have been granted tenure in the past, but observed there was no means suggested in the report of reviewing or revoking tenure. "Now we're told decisions haven't been made well; what do we do about these?" asked Morton. Cathy Laurier suggested that the committee further recommend

continued monitoring of quality while a person is tenured, and Chairman Jean Smith agreed to convey this to the administration.

Part-time student representative Marija Hutchison asked whether the recommendation on CLTAs couldn't be separated out and dealt with immediately. "Please accelerate the review process while there are still CLTAs around," said Morton. "I understand six or seven have been cut at Erindale."

Laurier also suggested that the administration consider student participation on tenure committees. Vice-President & Provost David Strangway responded that student opinion is taken into consideration in the form of evaluation sheets.

The report has been referred to the administration for discussion with the U of T Faculty Association.

A report on academic discipline cases for the year ending Sept. 30, 1982 by Patrick Phillips, secretary of the academic tribunal, showed that there had been 22 cases of unauthorized assistance at exams, 48 cases of plagiarism and 14 miscellaneous offences. There were 10 trials and four appeals. Three of the trials involved students charged with allowing other people to write the English proficiency test under their names. The students were found guilty and suspended for a year.

In response to a general question as to why plagiarism had increased from two offences in 1975-76 to 48 this past year, student Alixe de la Roche said that many cases of plagiarism since 1980 have been on English proficiency tests, which were introduced that year.

Architecture's future 'not in jeopardy' if plans satisfactory

Reduced enrolment, but no freeze next year

About 50 landscape architecture and architecture students gathered at the Feb. 9 meeting of the Subcommittee on Curriculum & Standards to hear Vice-Provost Roger Wolff clarify the administration's plans for their faculty.

David Strangway, vice-president and provost, had said admissions might be cut off for next year while plans to reduce programs in the departments of architecture and landscape architecture were being considered. (*Bulletin*, Feb. 7)

There will be a 30 to 40 percent reduction in the number of students taken in next year over previous years, said Wolff, but there will be no enrolment freeze. And he reassured the students that the administration is in no position to make a decision to close any department.

However, said Wolff, "we must very seriously consider some reduction in size. We are asking for changes in directions, programs and curriculum. The future is not in jeopardy if the plans are satisfactory." He said he is hopeful that in the fall a search committee for a new dean will be set up.

If the administration's basic concerns are not addressed, there is a possibility that the faculty would be closed down, but Wolff stressed that there is no intention at present that this course of action be taken.

Quality of the students taken in is a concern, he said. Another is the level of scholarship and leadership in the faculty. Linkages with the rest of the University are a further consideration.

Acting Dean Jacob Spelt told the meeting that the departments of architecture and landscape architecture will be working more closely together. Landscape architecture will change from a four-year to a five-year program, and there will be joint studies with architecture in the first two and a half years. Students will be required to take six courses per year for a total of 30 credits, about a third of which are to be taken in other divisions of the University. A required sequence of design studios with several options will be introduced, and additional

technical components will be mandatory.

The minimum grade 13 requirement for entering students will rise from 60 to 75 percent. As well, they will be judged on portfolios, questionnaires and letters of recommendation, but probably not on interviews, said Spelt. Evaluation procedures in the Department of Architecture will be more explicit, with letter grades replacing pass/fail designations.

He said he remains optimistic. In the near future, the faculty council will submit program proposals to the administration, and the administration will report on them to the subcommittee.

Robert Farquharson, a member of the subcommittee and vice-dean of the Faculty of Arts & Science, said it would be advisable for architecture to consult other faculties at this point. "This can look very much like exporting a budget cut," said Farquharson. "In arts and science, our resources are already being taxed."

At a meeting of the Academic Affairs Committee the following day, documents including a confidential accreditation report were distributed by the Architecture Students' Union. The report endorsed the program of the Department of Architecture but criticized the faculty-student ratio and the poor research level of the faculty in recent years. Student member Cathy Laurier accused the administration of deliberately muddying the issue of accreditation. "I have very serious con-

cerns about aspersions cast on the quality of the program," she said.

"The faculty is not giving a quality education to its students," said Professor S.M. Uzumeri of civil engineering, a member of the subcommittee. "I applaud the administration for having the guts to come to grips with this issue now."

Strangway told the subcommittee a significantly revised curriculum will later be brought before curriculum and standards and a plan of goals and objectives will go to the Planning Subcommittee. "There are clearly difficulties in the faculty with respect to the curriculum and professional activity as carried out in the faculty," he said. "Proposals for changes will come to the provost's office and will be reviewed internally and assessed externally."

Chairman Jean Smith said responsibility for determining the curriculum lies with the council of the faculty. From there changes go, on the recommendation of the central administration, to curriculum and standards and admissions and awards.

A petition being circulated among the students of architecture and landscape architecture and distributed at the meeting said: "We support the councils of our faculty in their determination to be accountable, both to the student body and to the University. We expect the governing bodies and the administration of the University to be accountable."

Hare's term extended

The term of office of Trinity College provost Kenneth Hare has been extended by two years to expire June 30, 1986. Professor Hare was appointed to a five-year term as provost and vice-chancellor from July 1, 1979. A subcommittee established in the fall recommended the extension considering his "academic preeminence, excellent service to Trinity in his term to date and the esteem in which he is held by his colleagues and the student body".

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Research News

National Cancer Institute of Canada — Terry Fox Awards and Program

Terry Fox Cancer Research Scientist Awards
These awards are designed to facilitate the research efforts of top flight cancer research scientists now in Canada or to recruit such scientists into Canada. Awards will be offered to cover the full salary and benefits of the investigator for a period of one to five years. Ten awards will be made on the basis of open competition, but no university will be eligible for more than two awards.

Eligible candidates should be resident in Canada or may be recruited from elsewhere provided he/she receives an appointment or plans to work full-time in a Canadian university. Candidates must hold a doctorate in medicine or in a related science, and must have demonstrated the ability to formulate and execute comprehensive research programs in the field of cancer. The applicant

and the institution will be asked to guarantee that at least 90 percent of the applicant's time will be devoted to research. Applications are to be made on behalf of the candidates by the dean of medicine.

The internal deadline for receipt of applications in the dean's office, Faculty of Medicine, is **March 1**. For further information contact ORA at 978-2163 or the Faculty of Medicine research office at 978-6013.

Terry Fox Special Initiatives Program

This program is designed to develop new dimensions in cancer research by encouraging innovative research. A limited number of awards will be available and each may be of the order of \$1 million to be spent over five years. Few, if any, restrictions will be placed on the nature of the support which can be requested. Investigators in all fields of cancer research will be eligible but the proposed program must be conducted in Canada.

The deadline for receipt of applications at the agency is **March 12**. For further information contact ORA at 978-2163.

Life Sciences Committee U of T

Programs for the University's Life Sciences Committee for the fiscal year 1983-84 are as follows.

Summer Undergraduate Student Program

The committee will accept applications from departments or groups of departments which propose a structured summer program for a minimum of five students. Departmental chairmen must undertake to provide partial funding for the program as the committee grant-in-aid this year will be unable to exceed 50 percent of the total stipend cost of the program.

The deadline for receipt of application forms is **February 28** at the Office of Research Administration.

Graduate Students

A letter of application, writ-

ten by the chairman of the parent department, for support of a graduate student (primarily at the PhD level) requiring support to complete his/her degree requirements may be forwarded to the committee c/o ORA at any time.

Please note that this competition is run on a competitive basis and supporting documentation is required. The stipend for such awards is \$500 per month for a maximum of six months.

Summer Graduate Student Program

It is possible that there will be funds to support no more than five students per department through this program. Application forms are due at ORA by **February 28**. The committee has asked that the department assign each application a priority rating and submit them in block.

For further information on any of these programs, contact ORA at 978-2163.

Canadian Diabetes Association

Please note that the Canadian Diabetes Association will now have only one grants competition per year. Applications for grants-in-aid should be received by the association before **July 1** for consideration of funding for the calendar year 1984.

In addition, the association is now offering research fellowships to a maximum stipend of \$19,600 to MD or PhD graduates, or the equivalent, to extend his/her field of interest in the clinical

and/or fundamental aspects of diabetes; and bursaries of \$5,000 per year to enable a health professional to pursue graduate or post-graduate studies in diabetes-related subjects in a Canadian university.

The deadline for fellowships and bursaries applications is **April 15**. For further information, please contact ORA at 978-2163.

Health & Welfare Canada (NHRDP)

Please note that Health & Welfare Canada has announced that the NHRDP short-term studentship program has been discontinued. The NHRDP now offers only two categories of research personnel training awards: MSc and PhD fellowships.

Upcoming Deadline Dates

Banting Research Foundation — research grants: **March 1**.

C.K. Clarke Psychiatric Research Foundation — research and personnel grants: **March 1**.

Canadian Cystic Fibrosis Research Foundation — studentships: **April 1**.

Canadian Diabetes Association — research grants: new date, **July 1**; research fellowships and bursaries for health professionals: **April 15**.

Canadian Liver Foundation — summer student scholarships: **February 28**.

Environment, Ontario Ministry of — pesticides advisory grants: **February 28**.

Fight for Sight, Inc. — student fellowships only: **March 1**.

Health, Ontario Ministry of — research grants to health care systems research program and research and information study grants to the public health research and development program: **April 1**.

Health, National Institutes of (U.S.) — new research grants: **March 1**.

Hospital for Sick Children Foundation — research grants: **March 1**.

Juvenile Diabetes Foundation International — research grants: **March 1**.

Louis and Artur Lucian Award for Research in Circulatory Diseases — nominations deadline: **March 1**.

E.C. Manning Awards Foundation — nominations deadline: **March 31**.

National Cancer Institute of Canada — Terry Fox special initiatives program: **March 12**.

Terry Fox cancer research scientist awards: **March 1** (internal) and **March 12** (external); research fellowship in clinical oncology: **April 15**.

National Live Stock & Meat Board (U.S.) — nutrition research program contracts and grants-in-aid: **March 1**.

National Neurofibromatosis Foundation — research grants: **April 1**.

U of T Humanities & Social Sciences Committee — general research grants program: **March 26**.

U of T Life Sciences Committee — summer undergraduate and summer graduate student support: **February 28**.

UTFA PRESIDENT



The constitution of the University of Toronto Faculty Association requires candidates for President to be nominated by members of the UTFA Council. Members of the Association, however, are invited to suggest names to council members.

Nomination forms are available in the UTFA office in the TIP TOP TAILOR BUILDING, 455 Spadina Avenue. The nomination form requires the signature of two members of the UTFA Council and must be returned to the office by **March 11, 1983**. The election will be conducted by a mailed ballot of the membership in the following two weeks.

1982-83 COUNCIL

M. Anderson, Library Science
K. Armatage, Woodsworth/New/Innis/TYP
D. Baillie, Retired Members
M. Baker, Social Sciences — Scarborough
J. Berger, Zoology
B. Bessner, Combined Libraries
B. Bosnich, Chemistry
N. Choudhry, Political Economy
J. Clark, Combined Libraries
R. Deshman, Fine Art/Classics
W. Dick, Humanities — Scarborough
B. Drewitt, Anthropology
H. Dyck, History
P. Dyson, English — New College
U. Elliott, Education
D. Elliott, Music
J. Estes, Victoria College
N. Field, Geography/Psychology/Urban & Regional Planning
W. Graydon, Chemical Engineering/Metallurgical Engineering
H. Hainsworth, Education
D. Henderson, Combined Libraries
J. Holladay, Middle East & Islamic/East Asian/Near Eastern
A. Home, Combined Libraries
D. Huntley, Slavic Languages & Literatures/Italian/Spanish & Portuguese
G. Israelstam, Life Sciences — Scarborough
R. Johnson, Humanities — Erindale
N. Joy, Art as Applied to Medicine/Rehab. Med./Anatomy/Speech Pathology
S. Kent, Architecture/Landscape Architecture
A. Kontos, Political Economy
R. Landon, Combined Libraries
M. Lang, Education
G.R. Lord, Retired Members
R. Love, Behavioural Science/NCI/Health Admin./Preventive Medicine & Biostatistics

D. Manchester, Physics/Astronomy
S. Maxwell, Management Studies
E. Mendelsohn, Physical Sciences — Scarborough
O. Miller, English/French/Comparative Literature/Medieval Studies/Drama
J. Moorfield, University of Toronto Schools
J. Moran, Microbiology & Parasitology/Med. Microbiology/Misc. Med./Nutr. & Food Sciences
G. Nairn, Pharmacy
J. O'Connell, St. Michael's College
A. Oliver, Trinity College
G. Patterson, History
A. Poë, Sciences — Erindale
F. Rimrott, Mechanical Eng./Industrial Eng./Aerospace Studies
H. Rogers, Linguistics/Statistics/German
A. Rose, Social Work
S. Schiff, Law
A. Sedra, Electrical Engineering/Biomedical Engineering
J. Simpson, Social Sciences — Erindale
G. Steuart, Civil Engineering/Geological Engineering
D. Stewart, Physiology/Medicine/Pharmacology/Pathology
A. Urquhart, Philosophy/Religious Studies/IHPST
R. Vanstone, Mathematics/Computer Science
J. Vicek, Forestry
E.A. Walker, Victoria College
J. Wayne, Sociology/Criminology
J. Williams, Botany/Geology
F. Wilson, University College
K. Wood, Athletics & Recreation/Physical & Health Education
C. Yip, Banting & Best/Biochemistry/Clinical Biochemistry/Medical Genetics
G. Zarb, Dentistry

PhD Orals

Since it is sometimes necessary to change the date or time of an oral examination, please confirm the information given in these listings with the PhD oral office, telephone 978-5258.

Tuesday, March 1

Rosalind Joan Lefebvre, Centre for South Asian Studies, "The Kiskindhadanda of the Critical Edition of the Valmiki Ramayana." Prof. R.M. Smith. Room 111, 63 St. George St., 1 p.m.

Friday, March 4

Ivan Michael Cohen, Department of Classical Studies, "The Hesiodic Catalogue of Women: Studies on the Fragments of an Early Greek Epic." Prof. W.E. McLeod. Room 111, 63 St. George St., 10 a.m.

Tuesday, March 8

Sonia Thon, Department of Spanish & Portuguese, "A Sociolinguistic Analyses of the Speech of Korean Corrientes, Argentina." Prof. A. Gordon. Room 111, 63 St. George St., 2 p.m.

Terry Twyman, Department of Geology, "Major and Trace Element Redistribution during Metamorphism: Geochemical Characterization of Absorption and Mass Transfer Processes." Prof. J.J. Fawcett. Room 309, 63 St. George St., 2 p.m.

Friday, March 11

Joan M. Wrobel, Department of Astronomy, "The Radio Continuum Properties of Bright E/SO Galaxies which Contain Compact Radio Core Sources." Prof. E.R. Seaquist. Room 309, 63 St. George St., 2 p.m.



UTFA Council Elections

The following seats on the University of Toronto Faculty Association Council will become vacant in July 1983.

#	Constituency	#	Constituency
2	Psychology/Geography/Urban & Regional Planning	32	Behavioural Science/Health Administration/Preventive Medicine & Biostatistics/NCI
4	Botany/Geology	37	Chemical Engineering/Metallurgy & Materials Science
5	Zoology	40	Architecture/Landscape Architecture
10	Italian/Slavic/Spanish & Portuguese	41	Dentistry
12	Computer Science/Mathematics	44	Education
14	Physics/Astronomy	45	Forestry
15	Economics	50	Nursing
19	Erindale — Social Sciences	52	Physical & Health Education/Athletics & Recreation
24	Scarborough — Life Sciences	57	Librarians
25	St. Michael's College	58	University of Toronto Schools
27	Victoria College		
29	Woodsworth/Innis/New/TYP		
31	Microbiology/Nutritional Sciences/Misc. Medicine		

Members within these constituencies are requested to make nominations for these Council seats. Forms have been distributed to members and additional ones are available at the UTFA offices. The nominations close **March 11**. Elections will be held **March 14-28**.

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Task force to consider Scarborough's future

In consultation with members of Scarborough College, Vice-President & Provost David Strangway will be striking a task force to consider options for the future for the college. It will report in the early fall and will be widely consultative, says the provost.

Announcement of the task force comes after a special meeting of the college's council on Feb. 9 at which Strangway, the invited speaker, said he "had no hidden agenda" to close Scarborough College, but enrolment projections indicate the need for "fundamental change". Though he is impressed with the programs and research at Scarborough, he said if you accept the data you can't sit back and let events unfold as they may.

Current enrolment projections are for student numbers to drop from the present 3,500 to 2,300 or 2,600 by 1993, a reduction of 30 percent, said Strangway.

The situation will be aggravated by a negligible faculty retirement rate — 17 retirements from 160 tenured faculty members between now and early into the next decade.

"If you drop student numbers by a third and can't bring your faculty down by a similar amount there is a serious cost imbalance," said the provost.

The crunch will come by the mid-1980s, said Strangway, so Scarborough is at an "important cross-roads" now.

"I don't think minor changes will save the bacon. Fundamental change will have to be made in the next little while and it's got to be a very prominent, highly recognized change that will be widely understood in the community as a whole."

The kind of change needed is one that would give Scarborough College a unique role in the Ontario university system. For example, a connection with Ryerson or Centennial College might attract good students undecided about whether they want a liberal arts and science program or a program where they will get a recognizable job skill.

Another possibility would be for the college to go partly or entirely co-op, said Strangway, or for it to develop stronger part-time, evening and summer studies thrusts.

It could also change its cut-off level to 70 percent, but "it's conceivable that that would be suicide".

Bridging support for mutually agreed upon efforts would be available, although the sums would not be "massive", Strangway said. He also said changes would have to be made within the framework of the existing tenured staff. "I do not believe we should dismiss tenured faculty for fiscal reasons. The damage to morale would be serious and University-wide. Everybody would be vulnerable at that point."

Although asked repeatedly at the meeting for a commitment from Simcoe Hall that the college would not be closed, Strangway did not make one. "I am concerned that if Scarborough and the central administration don't come to grips with this and seek to change the image and the prospects of the college, these things are going to happen whether we want them to or not."

He emphasized, however, that he was not out to close the college "no matter what" and that he hopes "like hell" it can make it through these times.

Several people said that negative comments from the St. George campus administrators contributed to a perception that Scarborough is a lower

class institution.

"It's your job to tell the teachers that their students will get a first-rate education in this college and you support the college 100 percent," said Professor Steven Halperin.

Strangway agreed negative statements don't help "but the demographic issue is there no matter what happens."

Professor J.S. Colman said he'd seen figures suggesting that after the enrolment dip, the numbers would rise again.

"We might waste a great deal of time and public funds making changes, and fail, through no fault of our own. Why should everything that is good be abandoned and in a few years be started up again?"

Colman and several others said a change they would like to see above all others would be the 70 percent cut-off.

"We should take into account all possibilities except one — that the college should close."

Professor Michael Bunce said that with all demographic projections minor changes can cause major shifts in the actual figures. Enrolment projections are "highly unreliable", he said, particularly when you're dealing

with such small figures. A shift of 100 or 150 could have a tremendous effect on the student/staff ratio.

Several people questioned the validity of the problem of low student/staff ratios. The ratios at Scarborough were already well above ratios of other parts of the University, they told Strangway.

To a suggestion that there be a common enrolment pool, Strangway said that "every time you try that there's a 50 percent loss rate."

"We propose to remain part of U of T," Principal Joan Foley said in an interview after the meeting. Scarborough continues to be the type of operation important to the University. "We have unique programs which will grow in strength and we also offer traditional programs and they have a good demand. We can't opt out of disciplines students want to take and give them things they don't want."

While there is potential to work with other institutions — a formal liaison has been established with Ryerson — Scarborough is an arts and science faculty and it can't become other than that, said Foley.

The projections assume Scarborough won't improve its present share of

students from schools, but she said there are many things that could affect which campus students will go to. The University does not manage a student's choice, but there are a number of ways it could intervene.

"The University should speak with pride of the achievements of both Scarborough and Erindale and draw attention to the opportunities for undergraduates there. Another way would be to review college selection procedures. It might be possible to offer admission to two colleges and provide students with more information about the colleges."

Scarborough wants to attract the best possible students, but she agreed with Strangway that a 70 percent cut-off point "may or may not help".

"I think the best possible way to address the problems is on multiple fronts, each of which might yield some small return. Keeping the cut-off high, better publicity, might be part of an approach which could succeed."

Foley has asked the divisions to present proposals for changes in operations by the early summer.

Grosskurth challenges Library of Congress

by Judith Knelman

A book review by Phyllis Grosskurth, a U of T English professor and biographer, has poured fuel on an international controversy among researchers and archivists that has been smouldering for years.

The stone wall she came up against in her attempts to gain access to material restricted in the manuscript collection of the Library of Congress until well into the next century is described in an article in the *New York Review of Books* on a biography of Marie Bonaparte. Grosskurth suggests in the article that, though the Library of Congress would not have known it, the author, Celia Bertin, had access to copies of items that are embargoed there. She does not believe that total embargoes for lengthy periods should be acceptable to a library, and she suggests that since it is possible some scholars have had access to copies of some of the material the library should reconsider its commitment to keep it under wraps.

The papers in question belonged to Marie Bonaparte, a leading figure in psychoanalysis in France, who documented her analysis with Freud in 29 notebooks. There are also about 600 letters from Freud to her. Access to her writings, acquired by the Library of Congress in 1964 from Anna Freud, daughter of the pioneer analyst, is entirely restricted until 2020.

The Freud Archives in New York also deposited material in the Library of Congress with restrictions that hold until after 2000 — surely the longest embargo in archival history, Grosskurth argues. "Historians have been complaining about it for years, but I'm the first person that made a public issue of it with the Library of Congress itself," she says.

The original review of *Marie Bonaparte: A Life* appeared Dec. 16. It provoked a reply from another scholar who has had access to Bonaparte papers, and a reply to the reply from Grosskurth. She fully expects that the Library of Congress will be obliged to answer her complaints

publicly. The exchange is being monitored on both sides of the Atlantic by scholars anxious to consult the Freud papers.

"Personally, I loathe controversy," says Grosskurth. "But I have a deep conviction that when something is wrong I must speak up."

Her review suggests that the library would no longer be bound by its agreement to restrict the papers if a selected writer had privately been given access by the donor. Other scholars should be able to check the writer's accuracy and interpretation, she argues. A letter in the Feb. 3 issue from Frank Hartman, who has been working on a book about Bonaparte's relationship with Freud, says he and Bertin have worked from papers retained by Bonaparte and handed over by her daughter, but Grosskurth demands to know how he can be sure these are different from the restricted papers in the Library of Congress. "How does he know? Has a careful collation been made? And by whom?" she asks in response.

James Hutson, chief of the manuscript division of the Library of Congress, has told the *Bulletin* that no one has had access to Marie Bonaparte's papers since they came to the library in 1964, since, at her wishes, they have been totally restricted. "I have no idea what materials or photocopies of materials were retained by the Bonaparte family in 1964 or what their relation might be to the restricted Bonaparte papers in this division," says Hutson. "The library was not informed in 1964 that Princess Marie's heirs in France had retained portions of her papers. We were unaware that this had occurred until the exchange between Ms. Grosskurth and Dr. Hartman brought this information to light."

Hutson says that relatively few of the items in the Freud collection are totally restricted for a long period, and many people have had access to all but the entirely restricted portion. Lifting the embargo is out of the question, he says, because the library would lose

credibility with donors and scholars if it did so.

Grosskurth would still like access to the Freud papers, but not for work on Marie Bonaparte. She gave up that project after spending the better part of a year in England and Paris interviewing people who had known her or were leads to sources of information on her. Before she left North America in 1979, she went to the Freud Archives in New York, where she says she was encouraged to write the book and was given names of people to contact in Paris. The embargo was never mentioned. She then visited Anna Freud in London. "All she told me was that there was a second part to Bonaparte's autobiography that had never been published. What she didn't tell me was that she had put all the material I wanted to see into the Library of Congress with an embargo on it." It is inconceivable to Grosskurth that Anna Freud, who died in October, did not know that Celia Bertin was working on a book on Bonaparte.

Though she feels distressed and disenchanted, she is at the same time grateful that she had to find another figure in the psychoanalytic movement on whom to focus her attention. Her biography of Melanie Klein, who refined Freud's theories and applied them to children, will be published next year. Klein died in 1960, but is still spoken of in Britain as though she were alive, says Grosskurth, so vital are her theories.

The difficulty she encountered in gaining access to Bonaparte's papers was a blessing in disguise, Grosskurth says. "Melanie Klein is so much more important and challenging intellectually."

When the book is finished, Grosskurth has a new course to prepare. Though her field is literature, next year, when she returns from leave, she'll be teaching an undergraduate course at New College in the history of British psychoanalysis with emphasis on the theories of Melanie Klein.

University of Toronto

Events open to the Public

March



PLEASE POST

University of Toronto

Events open to the Public

March

Lectures

Education in a Democracy.

Tuesday, March 1
Duncan Green, School of Continuing Studies; Victoria College public lectures 1983. Room 3, New Academic Building. 4.30 p.m.
Information: 978-3806.

William Morris Society.

William Morris and W.B. Yeats.
Wednesday, March 2
Prof. Eric Domville, Department of English. Upper Library, Massey College. 8 p.m.

Pictures for the Parlour: The English Reproductive Print, 1775-1900.

Thursday, March 17
Brenda Rix, Art Gallery of Ontario; followed by viewing of exhibition. Walker Court, Art Gallery of Ontario. 7.30 p.m.
Information: Department of English, 978-4004.

The Islamic Influence on Spain.

Thursday, March 3
Prof. Ottmar Hegyi, Division of Humanities, Spanish, Erindale College. Lecture hall, Emmanuel College. 8 p.m.
Information: Society for Mediterranean Studies, 978-6926.

Architecture & Landscape Architecture.

Faculty's evening series, sponsored by Ontario Association of Architects and Toronto Masonry Promotion Fund. Auditorium, Medical Sciences Building. 8.15 p.m.
Thursday, March 3
Jerome Markson, Jerome Markson Architects, Toronto.

Thursday, March 10

Neish Owen Rowland & Roy, Architects & Engineers, Toronto.

Thursday, March 17

To be announced.

Thursday, March 24

Prof. Randy Hester, University of California, Berkeley, "Emerging Aesthetics in Landscape Architecture".

Tuesday, March 29

Peter Sheppard, landscape architect/architect, Sheppard/Epstein/Hunter Consultants, Ltd., London, England, "Light and Water as Elements of Landscape".
Information: Faculty of Architecture & Landscape Architecture, 978-5038.

Royal Canadian Institute.

Winter series of Sunday afternoon lectures. Auditorium, Medical Sciences Building. 3.15 p.m.

Canadian Wildflowers in Season.

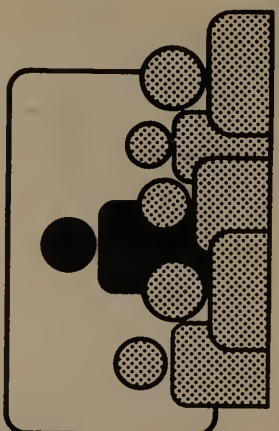
Sunday, March 6
Mary Ferguson, author and nature photographer.

War on the Euphrates:

Archaeological Evidence from before the Birth of Christ.
Sunday, March 13
T. Cuyler Young, Royal Ontario Museum.

Dinosaurs: The Successful Dragons.

Sunday, March 20
Prof. Christopher McGowan, Department of Zoology and Royal Ontario Museum.
Information: Royal Canadian Institute, 979-2004.



William Kurelek Memorial Lectures.

Prof. Robert Conquest, Stanford University.

The Great Famine: The Collectivization Terror as History.

Tuesday, March 8
1105 Sandford Fleming Building. 8 p.m.

The Great Famine: The Ukrainian Question and the Nature of Stalinist Motivation.

Wednesday, March 9
Auditorium, Medical Sciences Building. 8 p.m.
Information: Chair of Ukrainian Studies Foundation, 920-2111.

The North American Age in World Politics and After.

Thursday, March 10.
Prof. W.T.R. Fox, Columbia University; 1982-83 Claude T. Bissell visiting professor of Canadian-American relations; last in series of four, "North America in World Politics". George Ignatieff Theatre, Trinity College, Devonshire Place. 8 p.m.
Information: Centre for International Studies, 978-3350.

Insignia of Divine Authority:

Pre-14th C Kongo.
Wednesday, March 16
Prof. Zdenka Velovka, York University; March meeting, Archaeological Institute of America, Toronto Society. Lecture room, McLaughlin Planetarium. 4.30 p.m.
Information: 483-3609.

Trade at Ebla on the basis of Recent Finds.

Wednesday, March 16.
Prof. Frances Pincock, University of Rome and the Italian archaeological mission at Ebla; part of special symposium on Ebla to be held at U of T in March. Auditorium, Medical Sciences Building. 8 p.m.
Information: Society for Mesopotamian Studies, 978-4769.

Madison's Republic: The Common Sense of the Subject.

Thursday, March 17
Prof. Marvin Meyers, Brandeis University; Olin lecture in American political culture. Croft Chapter House, University College. 4 p.m.
Information: Department of Political Science, 978-3291.

From Observers to Participants: The Transformation of 20th Century Science.

Thursday, March 17
Prof. Stephen Toulmin, University of Chicago; School of Graduate Studies Alumni Association series. George Ignatieff Theatre, Trinity College, Devonshire Place. 7.30 p.m.
Information: Faculty of Library & Information Science, 978-3202.

Vision, Colour and Cortex.

Tuesday, March 22
Prof. David M. Hubel, Harvard Medical School; 1983 Keys memorial lecture. Auditorium, Medical Sciences Building. 4 p.m.
Information and tickets: Trinity College, 978-2651.

A.S.P. Woodhouse.

Wednesday, March 23
Prof. H.R. MacCallum, Department of English; last in University College lecture series 1982-83. 179 University College. 4.10 p.m.
Information: 978-3160.

A Strategy for Disarmament.

Thursday, March 24
Prof. Seymour Melman, Columbia University; last in series of six Lectures in Peace Studies offered by U.C. and co-sponsored by Science for Peace to provide understanding of possible contributions of scholarship to the advancement of peace. West Hall, University College. 8 p.m.
Information: University College, 978-3184 afternoons only.

Music

SCARBOROUGH COLLEGE

Thursday, March 3
Combined jazz/classical concert.

Thursday, March 31
From 11.30 a.m. to 12 noon. Tickets \$4. Students and senior citizens \$2.

Faculty of Music Jazz Ensemble.

Saturday, March 19.
Under the direction of Phil Nimmons and David Elliott. MacMillan Theatre.
Tickets \$4. Students and senior citizens \$2.

ROYAL CONSERVATORY OF MUSIC

Faculty Concert Series.

Twilight.
Concerts at 5.15 p.m.

Thursday, March 3
Elizabeth Keenan, harpsichord.

Thursday, March 17
Artur Jansons, viola; Randi Schöningh, violin; Dianne Werner, cello.

from Gannett Foundation and Mediacom Industries Inc. Walker Court, Art Gallery of Ontario. 3 p.m.

Information: Royal Conservatory of Music, 978-3771; Art Gallery of Ontario, 977-0414.

Information on all concerts at the Royal Conservatory of Music, publicity office, 978-3771.

Exhibitions

Erindale College.

To March 11.
Barbara Caruso, paintings, colour lock-vertical series.

Scarborough College.

Feb. 22 to March 11.
Anne Leon/Marlene Moore, ceramics/prints.

Thursday, March 24
Under the direction of Phil Nimmons
and the University of Toronto
orchestra, featuring
Nancy Mathis.
Room H-305. 12 noon.
Information: 284-3243.

EDWARD JOHNSON BUILDING
Opera Division.
Fridays and Saturdays,
March 4, 5, 11 and 12
"Dido and Aeneas" by Purcell and
"L'Heure Espagnole" by Ravel; pro-
ductions of Faculty of Music. Mac-
Millan Theatre. 8 p.m. Tickets \$7,
students and senior citizens \$4.50.

U of T Concert Choir.
Sunday, March 6.
Conductor William Wright. Walter
Hall. 3 p.m.

Boris Lysenko, Piano.
Sunday, March 13.
Walter Hall. 3 p.m.

University Singers.
Wednesday, March 16.
Conductor Diana Brault. Walter Hall.
8 p.m.



Plays

Hart House Theatre.
February 23 to 26 and March 2 to 5.
"Major Barbara" by Shaw. Last of
four plays, Graduate Centre for the
Study of Drama's 1983 season at Hart
House Theatre. Performances at
8 p.m. Tickets \$6, students and senior
citizens \$3.
Information: 978-8668.

George Ignatieff Theatre
March 2 to 6
"An Evening with Dorothy Parker."
Performances March 2 to 5 at 8 p.m.,
March 6 at 2 p.m.
Tickets \$1.50.
Information: Trinity College
Dramatic Society, 978-4166.

8 p.m.)
Ticket\$ \$4, students and senior
citizens \$2.50.

U of T Wind Symphony.
Sunday, March 20.
Conductor Melvin Berman. MacMillan
Theatre. 3 p.m.

Faculty Artists Series.
Saturday, March 26.
Last in series of four concerts planned
and performed by faculty's artists.
Walter Hall. 8 p.m.
Tickets \$7, students and senior
citizens \$4.50.

U of T Concert Band.
Sunday, March 27.
Conductor Stephen Chenette.
MacMillan Theatre. 3 p.m.

Information on all concerts in Edward
Johnson Building, box office, 978-3744.

Thursday, March 12,
1983
Schonning, violin; Dianne Werner,
piano.

Thursday, March 31
Robert Hamilton and Richard Bradley,
guitar duo.

Noon Hour.
Concerts at 12.15 p.m.
Wednesday, March 9
William Beauvais, guitar.

Wednesday, March 23
Carolyn Jones, Piano.
Concert Hall, Royal Conservatory of
Music.
Tickets \$2, students and senior
citizens \$1.

Royal Conservatory Orchestra.
Friday, March 4.
Guest conductor Boris Brott.
Wednesday, March 30.
Guest conductor Iona Brown.

Orchestral Training Program. Church
of the Redeemer, Bloor and Avenue
Road. 8 p.m.
Tickets \$3.50 to \$7.50, students and
senior citizens from \$2.75.
Tickets available from Conservatory
box office, 978-5470.

Art Gallery Sunday Concert Series.
Sunday, March 13
Royal Conservatory Orchestra
Strings, conductor and soloist Sidney
Harth. Series made possible by grant

Drama's 1983 studio season. 4 Glen
Morris St. Performances at 8 p.m.
Admission \$2.
Information: 978-8668; performance
evenings, 6 to 8 p.m., 978-8705.

Scarborough College.
March 9 to 12
"The Time of Your Life." TV Studio I.
March 23 to 26
A Greek tragedy. TV Studio I.
Information: 284-3243.

M. Hulot's Holiday.
Thursday, March 3
Alice Moulton Room, Sigmund Samuel
Library. 6.30 p.m.
Information: Audiovisual Library,
978-6520.

Information on all concerts at the
University of Toronto
office, 978-3771.

ERINDALE COLLEGE
Sunday, March 6
New Hart House Orchestra. Art
Gallery, South Building. 2 p.m.
Tickets \$1.
Information: 828-5214.

TRINITY COLLEGE
Bach Festival.
Saturday, March 12.
Knox College Choir. Chapel. 4.30 p.m.
Chamber music with Douglas Bodle
and friends. Seeley Hall. 8 p.m.
Sunday, March 13.
Trinity College Choir. Chapel.
4.30 p.m.
Information: Toronto School of
Theology, 978-4040; Office of Convoca-
tion, Trinity College, 978-2651.

Trinity College Choir. Chapel.
4.30 p.m.
Information: Toronto School of
Theology, 978-4040; Office of Convoca-
tion, Trinity College, 978-2651.

Miscellany

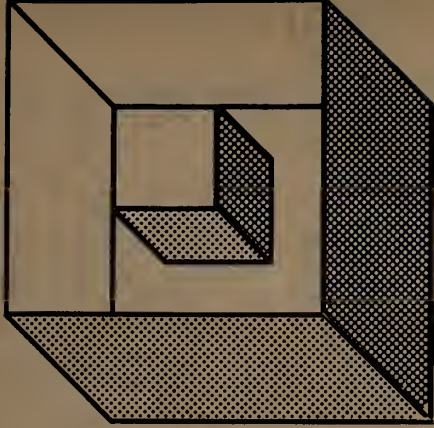
POLLUTION PROBE.
Gardening.
Tuesdays, March 1 to 22
Course topics include choice of seed,
soil preparation, composting and pest
control. Ecology House, 12 Madison
Ave. 7 p.m. Fee \$35, advance registra-
tion required.
Information on all Pollution Probe ac-
tivities, 967-0577.

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the Public & Community Relations Office, Simcoe Hall, University of Toronto, Toronto
M5S 1A1; telephone 978-5367.

March 14 to April 1.
Susan Schelle, installation.
Gallery hours: Monday - Thursday,
9 a.m. to 7 p.m.; Friday, 9 a.m. to
5 p.m.; Sunday, 2 to 5 p.m.

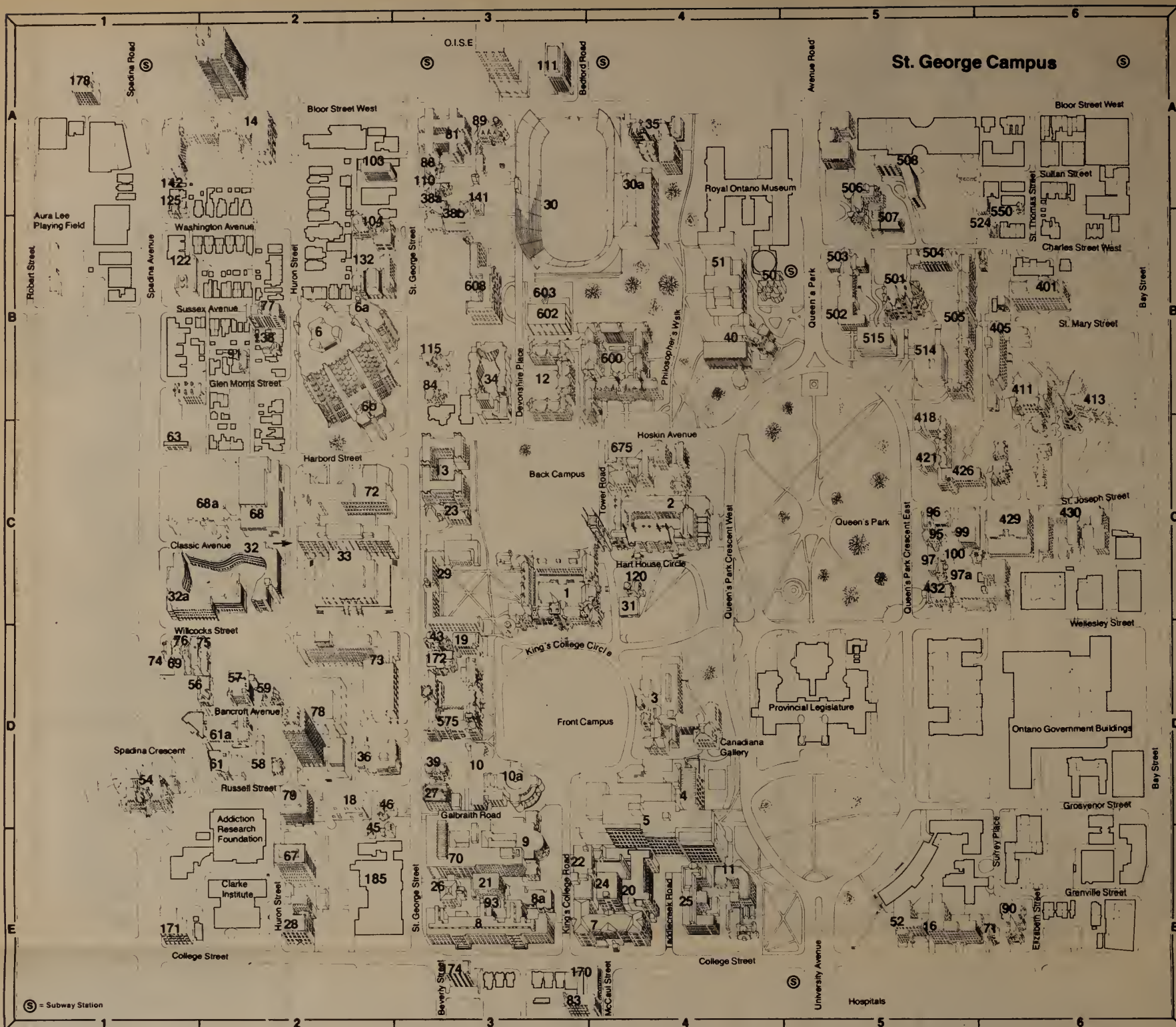


Spring Flower Show.
Saturday, March 19 to
Sunday, March 26
Botany greenhouse, 6 Queen's Park
Cres. W. 9 a.m. to 5 p.m.
Information: 978-6515.

Erindale Greenhouse Open House.
Saturday, March 19 and
Sunday, March 20
5036 South Building. 9 a.m. to 4 p.m.
Information: 828-5214.

Tour of University College.
Saturday, March 26
Led by Prof. Douglas Richardson,
Department of Fine Art. Meet at front
steps at 2 p.m.
Information: Department of English,
978-4004.

**For general information
on these and other
events at the University
of Toronto call 978-2021.
Media enquiries should
be directed to 978-2105.**



Directory

Addison (Margaret) Hall 508
 Annesley Hall 506
 Architecture and Landscape
 Architecture, Faculty of 28
 Arena, Varsity 30a
 Bancroft Hall 59
 Benson (Clara) Building 68
 Botany Building and Dept. 11
 Brennan Hall 411
 Burwash Hall 504
 Carr Hall 426
 Conservatory of Music
 (Royal) 35
 Continuing Studies,
 School of 103
 Convocation Hall 10a
 Cumberland House 26
 Devonshire House 12
 Edward Johnson Building 51

Elmsley Hall 405
 Emmanuel College
 (Victoria) 502
 Falconer Hall (Law) 50
 Fisher (Thomas) Rare Book
 Library 6b
 FitzGerald Building
 (Medicine) 25
 Flavell House (Law) 40
 Forestry Building 27
 Galbraith Building 70
 Glen Morris Studio
 Theatre 91
 Hart House 2
 Haultain Building 24
 Hughes (F. Norman) Pharmacy
 Bldg. 79
 Ignatieff (George) Theatre 603
 Innis College 132
 International Student
 Centre 26

International Studies,
 Centre for 600
 Kelly, (John M.) Library 429
 Knox College 575
 Landscape Architecture
 Larkin (Gerald) Building 602
 Lash Miller Chemical
 Laboratories 73
 Library Science, Faculty of 6a
 Loretto College 401
 MacMillan Theatre 51
 Margaret Addison Hall 508
 Massey College 34
 McLennan Physical
 Laboratories 78
 McMurrich Building 4
 Mechanical Engineering
 Building 22
 Medical Sciences Building 5
 Medieval Studies, Centre
 for 97
 Metallurgy Building 8a

Mining Building 7
 Music, Royal Conservatory
 of 35
 New College 32
 Pharmacy Building (F. Norman
 Hughes) 79
 Playhouse Theatre (U.C.) 23
 Pontifical Institute of Mediaeval
 Studies 418
 Pratt (E.J.) Library 514
 Press (U of T) and
 Bookroom 19
 Ramsay Wright Zoological
 Labs. 72
 Rare Book Library, Thomas
 Fisher 6b
 Religious Studies Centre 6
 Roberts (John P.) Research
 Library 6
 Rosebrugh Building 20
 Royal Conservatory of
 Music 35

Russian & East European
 Studies, Centre for 33
 St. Basil's Church 413
 St. Basil's College 430
 St. Hilda's College 608
 St. Joseph's College 432
 St. Michael's College 400's
 Sandford Fleming Building 9
 Sidney Smith Hall 33
 Sigmund Samuel Library 3
 Simcoe Hall 10
 Social Work, Faculty of 111
 Soldiers' Tower 2
 South Asian Studies
 Centre 33
 Stadium, Varsity 30
 Stevens (Warren) Bldg. 68a
 Studio Theatre 91
 Sussex Court 77
 Teffy Hall 421
 Thomas Fisher Rare Book
 Library 6b

Trinity College 600
 University College 1
 University College Union 23
 Varsity Arena 30a
 Varsity Stadium 30
 Victoria College 501
 Victoria New Academic
 Building 515
 Wallberg Building 8
 Walter Hall 51
 Wetmore Hall 32
 Whitney Hall 13
 Wilson Hall (New
 College) 32a
 Woodsworth College 38a
 Wycliffe College 675
 Wymilwood 507

Hart House gets a state of the art gallery

The Justina M. Barnicke Gallery in Hart House was officially opened Feb. 17 by Premier William Davis. The gallery is named after the late wife of realtor Joseph J. Barnicke, who donated about one-third of the estimated \$700,000 cost of renovating what used to be the athletics office. The other major donations came from the National Museums of Canada and the Ontario Ministry of Culture & Citizenship, with smaller gifts coming from the Hart House art committee, the pub club, and from various individuals and corporations.

"This is the most modern, up-to-date, state of the art gallery we could have," says Hart House warden Richard Alway, the key fundraiser. "We asked for the best and we got it."

Going for the best meant solving several major technical problems, says architect Mike Roberts of the partnership Wilson, Newton, Roberts and Duncan. To maintain the temperature at a constant 72 degrees Fahrenheit (plus or minus two degrees) and the relative humidity at 50 percent (plus or minus two percent) requires a lot of sophisticated machinery. The only way to accommodate it was to dig a big hole and construct an underground mechanical vault.

Because Hart House is an old building, there are no vapour barriers in the walls; so to prevent the high humidity level from forming condensation and severely affecting the structure, the gallery is constructed as a building within a building — with a two-foot ventilated space around, above, and even under it. Moreover, to eliminate noise and vibration from the running track on the level above, special "sound" insulation has been installed.

From an aesthetic standpoint, space and flexibility are the gallery's biggest assets. The display area consists of a "print" corridor and two rectangular rooms — one designed to show the permanent collection and the other for temporary exhibitions. A feature of the larger room is six portable divider walls, each with a door at one end and two levels of storage space inside.

When all six dividers are in use, the gallery boasts 400 running feet of wall space, compared to only 130 in the basement room that used to serve as the Hart House gallery. A flexible grid-style lighting system and a scanning alarm system complete the picture.

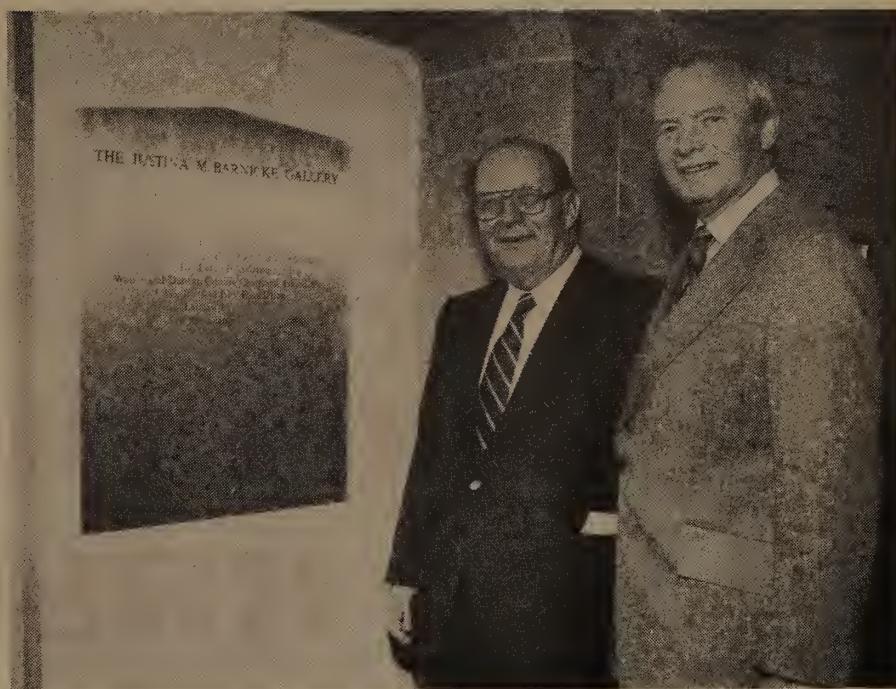
Landscapes, portraits and still lifes by the Group of Seven, Tom Thomson, Emily Carr and David Milne make up the first exhibition, which will be on display until April 27. The 39 works were selected from the 340 or so in the Hart House collection, valued at about \$3.5 million.

Alway is particularly pleased to be able to display a trio by Arthur Lismer. A 1928 pencil sketch and an oil-on-panel are both drafts for Lismer's famous painting *Isles of Spruce*, featured on a postage stamp commemorating the Group of Seven. Seeing the freshness and spontaneity of the field sketches beside the grandeur of the large painting worked up in the studio, says Alway, can contribute to a viewer's appreciation of art by providing insight into the creative process.

Hart House originally bought the painting for \$300; it is now valued at more than \$45,000. The two sketches were donated by the late Burgon Bickersteth, warden of the house for 26 years.

The Hart House collection has been purchased over the past 55 years with money from student fees, as well as from fundraising dances and auctions and, more recently, from a Wintario grant. The purchasing committee has always been composed mainly of students, with a few staff advisers. Among one-time student members are William Withrow, director of the Art Gallery of Ontario; and the late Alan Jarvis, a former director of the National Gallery of Canada.

The next exhibition in the Justina M. Barnicke Gallery will feature prints and plates by Quebec printmakers. It will run from May 5 to June 30. Arts officer of the gallery is Judith Schwartz.



Premier William Davis and gallery's principal donor, Joseph J. Barnicke, at opening.

Hi-tech and the University

"When insulin was discovered, the University set the appropriate production and marketing mechanisms in motion within weeks; now the bureaucracy takes months or even years to react to what's happening — which is ironic given the pace of technological change," says philosophy professor Fred Wilson, chairman of the University's Government Relations Alliance (GRAUT) — representing students, staff, faculty, alumni and the administration.

To explore the University's role in technological developments fundamental to economic and industrial growth, GRAUT has organized a one-day symposium on *The University and High Technology*. More than a dozen speakers from government, business, industry, and the University will address the gathering March 4, from 9 a.m. to 5 p.m. in room 104 of University College.

"The University is important to the ongoing economy of the nation," says Professor Wilson, "not just in terms of training highly skilled manpower, such as PhDs in computer science or biotechnology, but because the research done here is essential to any hi-tech industry. We hope press coverage of this symposium will convey that message to the politicians and the general public."

The event is also designed to draw the attention of the University community to alternative sources of funding. A symposium in mid-January focused on alumni and corporate donations. This one will concentrate on funds in support of research or of special academic programs, as well as on possible profits from successful research ancillaries.

Prof. Wilson sees the symposium being of particular interest to faculty and students in engineering, medicine, chemistry, physics, zoology, management studies and economics. He hopes it will also attract alumni active in the business world and interested in opportunities to impart their entrepreneurial expertise and perhaps to invest money in University enterprises.

Speakers will include Peter Barnes, general manager of Ontario Technology Centres, who will outline the provincial government's industrial development goals and comment on the tie-in of university efforts. Among the federal government representatives will be David Crane, until the end of January a *Toronto Star* columnist and now with the Canadian Development & Investment Corporation.

Alistair Davidson will examine the potential for productive interaction between the university and the private sector. He is with Laventhol and Horwath Management Services, a firm specializing in corporate strategic planning.

One of the speakers from within the University will be Vice-President & Provost David Strangway, who will talk about the possible steering effect the current high-technology emphasis could have on humanities teaching and research at U of T.



Hart House warden Richard Alway and gallery's arts officer Judith Schwartz.

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U of T alumni gave over \$2 million in 1982

In 1982, University of Toronto alumni gave more than \$2 million in support to the University, an increase from 1981 of 13.15 percent, reports the Department of Private Funding. Alumni support comes to the University through four main channels: the Varsity Fund; Trinity College Living Endowment; Faculty of Medicine Alumni; and other gifts from alumni for specific purposes. The total for 1982 was \$2,239,185.

The Varsity Fund, the largest source, received \$1,402,290, an increase from 1981 of 13.6 percent. The Trinity Living Endowment from graduates was \$256,847. This includes support for the special appeal for the addition to St. Hilda's College residence. Medical alumni gave

\$93,726. Other gifts from graduates amounted to \$486,322. This amount was recorded from May 1982 (when a new benefaction receipt was introduced) until Dec. 30.

All alumni constituencies, with the exception of Child Study which no longer has a functioning alumni executive, show an increase in support. Substantial increases were reported by engineering (\$92,319), St. Michael's College (\$26,833), and University College (\$24,775). The constituencies together had an increase of \$235,749 — 26.07 percent.

The Challenge Fund, whose anonymous donor will give up to \$200,000, did not reach its target. The Challenge Fund total is \$159,493.

Funding 'freeze' lifted for arts and science programs

The provincial government's freeze on funding approval for new undergraduate degree programs in core arts and science areas has been lifted. The freeze was announced by Minister of Colleges & Universities Bette Stephenson Nov. 2, 1981, in a letter to university presidents. In her letter, Stephenson said the freeze would probably remain in effect until "early in the New Year" (1982) when the government expected to announce its response to the Fisher report on the future role of Ontario universities. That response is still awaited.

During the freeze, any university wanting to establish a new program was required to consult the Ontario Council on University Affairs (OCUA). Of 109 requests for exemption, OCUA recommended funding approval for 100. Only two requests were turned down and seven were under consideration.

Were any new undergraduate degree programs started in U of T's Faculty of Arts & Science during the freeze?

"In a sense, all our programs are new," says Dean Robin Armstrong, "because it was during the freeze that the Kelly report came into effect. Just think, if they'd withheld funding approval, we could have all gone home."

Though universities will no longer have to seek funding approval for new arts and science programs, they will have to report such programs to OCUA by April 1, then any concerns OCUA might have about duplication or "truth-in-advertising", could be raised during the annual spring hearings. Stephenson has asked OCUA to report to her annually on all the new programs.

Meanwhile, the freeze on funding approval remains for professional, quasi-professional, and special programs.



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COMING EVENTS

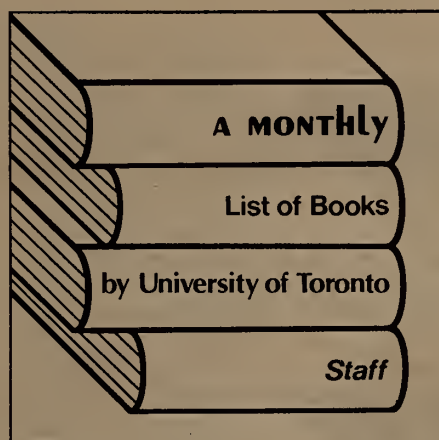
ST. PATRICK'S DANCE

Friday, March 18
7:30 p.m. - 1 a.m.

Irish Stew
\$7.50 + tax + service

For reservations please call
the Club Office **978-6325**

Books



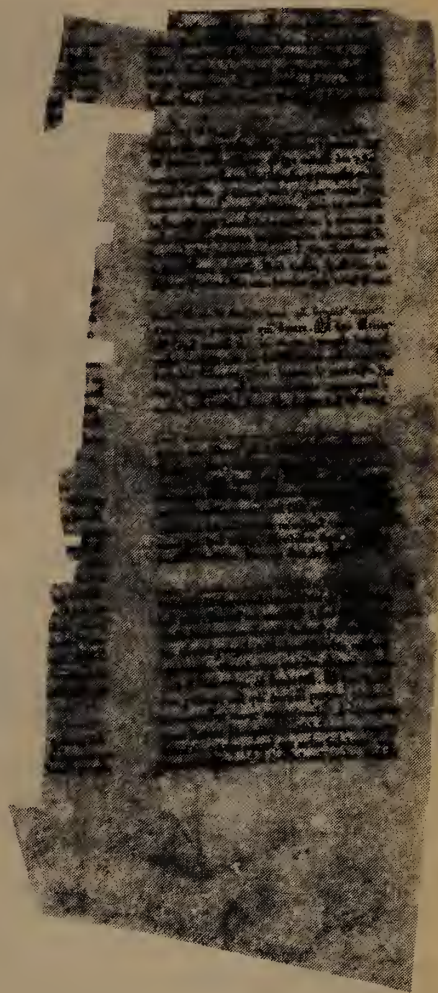
February

William Langland, *Piers Plowman: The Z Version*, edited by A.G. Rigg and Charlotte Brewer (Pontifical Institute of Mediaeval Studies; 137 pages; \$11). According to scholarship of the last 100 years, *Piers Plowman* survives in three versions, the A, B and C texts. This edition presents what the editors believe to be a copy of a version written before the A text.

January

Urban Public Finance, by Richard Bird and Enid Slack (Butterworths; 160 pages; \$12.95). An examination of the issues of urban public finance within the wider context of the public economy; the authors demonstrate how economic analysis may contribute toward resolving these issues.

The Cartulary of the Knights of St. John of Jerusalem in England — Secunda Camera: Essex, edited by Michael Gervers (Oxford University Press; 735 pages; £85). This volume represents a critical edition of the 957 12th through 14th century charters which bear witness for the most part to the growth and development of the military Order of St. John of Jerusalem's landed estates in Essex. They also indicate changes in the social and economic status of the family and in trends in the land market over a 250-year period.



A fragment of a 12th-century Cartulary contains land charters documented in Michael Gervers' book *The Cartulary of the Knights of St. John of Jerusalem in England — Secunda Camera: Essex*. Gervers discovered this fragment, which was crucial to the arguments and theories expressed in the volume, torn and recycled as a "paste-down" in the binding of a 15th century Cambridge manuscript.

Search for director of medical science institute

The Council of the School of Graduate Studies has authorized the establishment of a search committee for a new director of the Institute of Medical Science.

The members of the search committee are: Assistant Dean J.B. French, SGS, (chairman); Dean P.E. Jones, Faculty of Nursing; Dr. B.J. Underdown, associate dean (research), Faculty of Medicine; Professor A.N. Doob, director, Centre of Criminology; Drs. G.N. Burrow, IMS, medicine, Toronto General Hospital; W.G. Tatton, physiology, Playfair Neuroscience Unit; S.M. Strasberg, IMS, surgery, Toronto Western Hospital;

Walter Zingg, IMS, surgical research, Hospital for Sick Children; H.A. Messner, IMS, Ontario Cancer Institute, Princess Margaret Hospital; and Thomas Wolever, graduate student, nutritional sciences.

The director's term is five years. The search committee invites nominations and inquiries from members of the University. Please address the members of the search committee directly or write to the secretary of the committee, Chris Turner, SGS, 65 St. George St. Deadline for nominations is March 4.

Centre for
Applied Cognitive Science
The Ontario Institute for
Studies in Education

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COUNTER-REVOLUTIONS

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Events

Lectures

The Role of the Canadian Media in a Society Requiring Greater Accountability.
Monday, February 21
Prof. Tom Kent, Dalhousie University and Royal Commission on Newspapers in Canada. 1105 Sandford Fleming Building. 8 p.m. (Sociology and Woodsworth)

Human Choice and Historical Inevitability.
Tuesday, February 22
Prof. Antony Flew, York University. A101 University College. 4 p.m. (Philosophy)

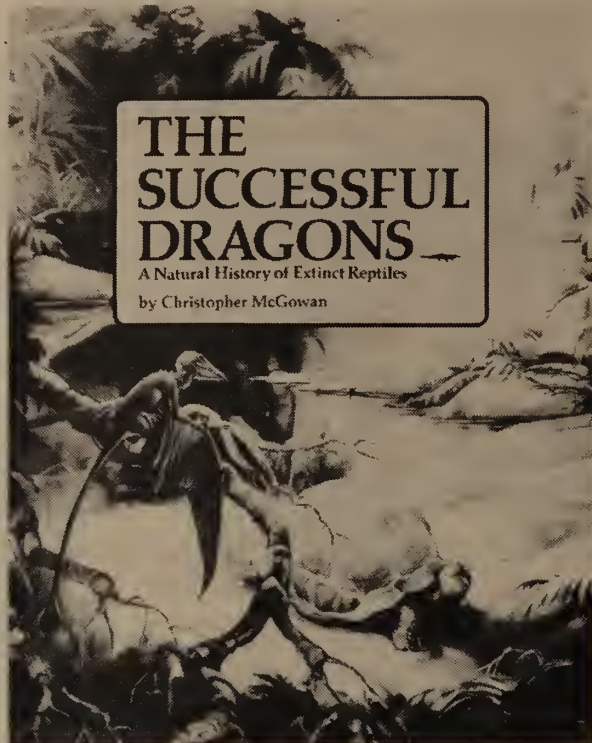
The Bible and American Political Culture.
Tuesday, February 22
Prof. Wilson Carey McWilliams, Rutgers University; Olin lecture in American political culture. Upper Library, Massey College. 4 p.m. (Political Science)

Aristotle's World and Mine.
Tuesday, February 22
Prof. Francis E. Sparshott, Department of Philosophy; Victoria College public lectures 1983. Room 3, New Academic Building, Victoria College. 4.30 p.m.

Belief and Irrationality.
Wednesday, February 23
Prof. William Seager, Department of Philosophy. 144 University College. 4 p.m. (Philosophy)

Human Rights and Scientific Freedom.
Wednesday, February 23
Prof. Eric Fawcett, Department of Physics; fifth in University College lecture series 1982-83. 179 University College. 4.10 p.m.

Power and Interdependence.
Thursday, February 24
Prof. David Baldwin, Dartmouth College. Combination room, Trinity College. 4 p.m. (International Relations)



Dinosaurs: The Successful Dragons

Zoology professor Christopher McGowan gives a Royal Canadian Institute lecture March 20. See Public Events for details.

Cognitive Revolutions and Counter-Revolutions.
Thursday, February 24
Prof. Jerome S. Bruner, New School for Social Research, New York; inaugural lecture of Centre for Applied Cognitive Science, Ontario Institute for Studies in Education. Auditorium, OISE. 4 p.m.

Late-Wisconsin and Holocene Vegetation History in Interior Alaska.
Thursday, February 24
Prof. Linda Brubaker, University of Washington, Seattle. S128 Scarborough College. 4 p.m.

Cemetery, Burial and Community in the Early Medieval West.
Thursday, February 24
Prof. Donald Bullough, University of St. Andrews. Common Room, Pontifical Institute of Mediaeval Studies. 5 p.m. (Woodsworth, History and Medieval Studies)

Problems and Pitfalls in Peace Research.
Thursday, Feb. 24
Prof. Anatol Rapoport, Institute for Advanced Study, Vienna. Fifth in series of six Lectures in Peace Studies offered by U.C. and co-sponsored by Science for Peace to provide understanding of possible contributions of scholarship to the advancement of peace. West Hall, University College. 8 p.m.

The Connection of Private and Public Open Space in Residential Environments.
Thursday, February 24
Jan Gehl, landscape architect, Copenhagen. Auditorium, Medical Sciences Building. 8.15 p.m. (Architecture & Landscape Architecture, Ontario Association of Architects and Toronto Masonry Promotion Fund)

Beards of the Longer Sort: The Playmaking of Eton Schoolboys.
Friday, February 25
Prof. Alexandra F. Johnston, Department of English. 113 New Academic Building, Victoria College. 12 noon. (PLS and REED)

The Concept of Code in the Analytical Study of Literature.
Friday, February 25
Prof. Douwe Fokkema, University of Utrecht. South Sitting Room, Hart House. 4.10 p.m. (Comparative Literature and Slavic Languages & Literatures)

Lead Poisoning and the Decline of the Roman Empire.
Sunday, February 27
Jerome Nriagu, Environment Canada, Burlington. Auditorium, Medical Sciences Building. 3.15 p.m. (Royal Canadian Institute)

Israel: A Jewish State or a State of Jews?
Sunday, February 27
Prof. Dan V. Segre, Haifa University; Joseph and Gertie Schwartz memorial lectures. Innis College Town Hall. 8 p.m.

Modernization and Traditional Values.
Monday, February 28
"New Challenges for Indian Education," Prof. V.V. John, Indian Institute of Advanced Study at Simla. St. Hilda's College. 4 p.m.

Tuesday, March 1
"New Challenges for Korean Education," Prof. Yung-Chung Kim, Ewha University. Auditorium, Faculty of Library & Information Science. 8 p.m.

Wednesday, March 2
"New Challenges for Education in the Chinese Context," Prof. Philip Shen, Chinese University of Hong Kong. 113 New Academic Building, Victoria College. 4 p.m. (Religious Studies)

The Convergence of the Sciences: Self-Organizing Systems in Physical Chemistry, Biology and Social Sciences.
Monday, February 28
Prof. Ilya Prigogine, Université Libre de Bruxelles and University of Texas, Austin; School of Graduate Studies Alumni Association series. Auditorium, Medical Sciences Building. 7.30 p.m. (IES and SGSAA)

The Church Today: Religious Identity and Social Responsibility.
Monday, February 28
Prof. Francis Fiorenza, Catholic University of America; J.M. Kelly theological lecture. Brennan Hall, St. Michael's College. 8 p.m.

Richard II and Coronation Ritual.
Friday, March 4
Prof. Frank Brownlow, Mt. Holyoke College. Upper Library, Massey College. 12 noon. (Trinity and English)

Seminars

Athlete's Rights in Canada.
Monday, February 21
Prof. Bruce Kidd, School of Physical & Health Education. 330 Benson Building. 4 to 6 p.m.

Hormonal and Trophic Factor Influences on Adipose Tissue Growth.
Monday, February 21
Dr. D.A.K. Roncari, Department of Medicine. Basement level, Artificial Pancreas Building, 180 Elizabeth St. 5 p.m. (Banting & Best Diabetes Centre)

The Influence of Intestinal Microflora on Serum and Secretory Immunoglobulins.
Tuesday, February 22
Dr. Graham Jackson, University of New South Wales. 235 Fitzgerald Building. 4 p.m. (Microbiology)

The Role of the State in Fisheries: A Comparison of Policy-Making in the US and Canada.
Wednesday, February 23
Prof. Timothy Hennessey, University of Rhode Island and Dalhousie University. 3037 Sidney Smith Hall. 2 p.m. (Political Science)

Experimental and Human Pathology.

Crystals as Agents of Disease Processes.
Wednesday, February 23
Dr. K.P.H. Pritzker, Department of Pathology.

Crystalinity of Bone in Health and Disease.
Wednesday, March 2
Dr. M.D. Grympas, Department of Pathology. 4171 Medical Sciences Building. 4 p.m.

Uses and Misuses of Law: Some Observations about Poland.
Thursday, February 24
Prof. Karol Wronecki, University of Wroclaw; legal theory workshop series. Solarium, Falconer Hall. 12 noon to 2 p.m.

The Mutations of Retinoblastoma.
Thursday, February 24
Dr. B.L. Gallie, Institute of Medical Science. 7231 Medical Sciences Building. 3.30 p.m. (Medical Science)

Development versus Preservation: The Case of National Parks in East Africa.
Thursday, February 24
Profs. Rorke Bryan and J.B.R. Whitney, Department of Geography. 622 Sidney Smith Hall. 4 p.m. (IES and Southwest Campus Departments)

East Asian Studies.
Thursday, February 24
Arai Hakuseki's *Tokushi Yoron*: Confucian Rationalism in Early Tokugawa Historical Thought. Peter Dunning, graduate student, Department of East Asian Studies. **Speech Levels in Middle Korean.** Prof. E.J. Baek, Department of East Asian Studies. East Asian Studies Lounge, 14-228 Robarts Library. 4 to 6 p.m.

Development of Mental States and Speech Act.
Friday, February 25
Prof. Jerome S. Bruner, New School for Social Research, New York; inaugural events, Centre for Applied Cognitive Science, Ontario Institute for Studies in Education. Board room, OISE. 10 a.m.

How Reliable Is Sensory Data?
Friday, February 25
Dr. Elizabeth Gullett, University of Guelph. 3171 Medical Sciences Building. 11 a.m. (Nutritional Sciences)

Archons of Athens!
Friday, February 25
Prof. Malcolm McGregor, University of British Columbia. 241 Larkin Building, Trinity College. 3.15 p.m. (Classics)

Lichens and Mosses as Monitors of Industrial Activity Associated with Uranium Mining: A Potential for Use in the Northwest Territories.
Friday, February 25
Prof. E. Neiboer, McMaster University. Room 7, Botany Building. 3.30 p.m.

The Italian Risorgimento and Zionism: Similarities in Their Development.
Monday, February 28
Prof. Dan V. Segre, Haifa University; Joseph and Gertie Schwartz memorial lectures. 2053 New College. 3 to 5 p.m.

Operations Analysis for Urban Drainage Systems Incorporating Moving Storms and New Instrumentation for Storm Monitoring.
Thursday, March 3
Prof. W. James, McMaster University. 211 Haultain Building. 4 p.m. (IES and Civil Engineering)

The Authority of the Inward 'Word of God' in the Radical Reformation.
Friday, March 4
Marvin Anderson, graduate student, St. Michael's College. Cody Library, Wycliffe College. 3 p.m. (TST)

Aristotle on Comedy.
Friday, March 4
Prof. Richard Janko, Columbia University. 340 Larkin Building, Trinity College. 3.15 p.m. (Classics)

Long Term Studies on the Structure of Salt Marsh Vegetation.
Friday, March 4
Prof. I. Valiello, Woods Hole and Boston University. Room 7, Botany Building. 3.30 p.m.

Gallery Club

The Gallery Club Dining Room is pleased to offer you a new DINNER MENU
FEATURING

ATTRACTIVE APPETIZERS — a creamy flavourful mousse made from B.C. hickory smoked salmon

EXCITING ENTREES — Lamb Shish-ke-bob delicately seasoned and broiled to your order

DELECTABLE DESSERTS — home-made cheesecake in a different exotic flavour each week

Open Monday through Friday 6-7:30 p.m.
Call 978-2445 for reservations

Events

Meetings & Conferences

Task Force on Student Experience.

Task force will divide into smaller groups and hold concurrent meetings open to students, staff and faculty. 4 to 6 p.m.

Tuesday, February 22
202 Brennan Hall.
Alumni Hall, Victoria College.

Wednesday, February 23
175 University College.
Cartwright Hall, Trinity College.

Tuesday, March 1
312 Innis College.
Student lounge, Woodsworth College.

Wednesday, March 2
3138 South Building, Erindale College.
1088 Sidney Smith Hall.

Tuesday, March 8
134 McLennan Physical Laboratories.
1085 Sidney Smith Hall.

Wednesday, March 9
1017 New College.
Cumberland Room, International Student Centre.

Victoria Women's Association.

Wednesday, February 23
Student program.
Wymilwood, Victoria College. 2 p.m.

Ethical Reflections on the Economic Crisis: The Bishops' Statement.

Thursday, February 24
Panelists: Profs. Joanne Dewart (chair), Toronto School of Theology; Roger Hutchinson, Department of Religious Studies; Tom Langan, Department of Philosophy; Abe Rotstein, Department of Economics; Gregory Baum, Department of Religious Studies. 202 Brennan Hall, St. Michael's College. 4 to 6 p.m. (Centre for Religious Studies and TST)

Aging and the Aged in Medieval Europe.

Friday, February 25 and Saturday, February 26
Annual medieval conference. Sessions to be held in room 3, New Academic Building, Victoria College.
Friday, February 25
"How Many of the Population Were Aged?" Prof. Josiah Cox Russell, University of New Mexico. 10.30 a.m.
"Honour the Hoary Head: The Aged in the European Jewish Community," Prof. Michael A. Signer, Jewish Institute of Religion (Los Angeles). 11 a.m.
"Older Attitudes to the Old

in India and China," Prof. R. Morton Smith, East Asian Studies. 11.30 a.m.

"The Care and Extension of Old Age in Medieval Medicine," Prof. Luke E. Demaitre, Pace University. 2 p.m.

"The Quest for Economic Security in Medieval England," Prof. Elaine Clark, University of Michigan (Dearborn). 2.30 p.m.

"Medieval Domestic Accommodation for the Elderly," Prof. Maija Bismanis, University of Regina. 3.30 p.m.

Saturday, February 26
"Figures of the Aged in Fourteenth-Century English Literature," Prof. Alicia K. Nitecki, Bentley College. 10 a.m.

"The Iconography of Aging and the Aged in Medieval Europe," Prof. Sheila D. Campbell, Pontifical Institute of Mediaeval Studies. 10.30 a.m.

"Boncompagno of Signa: A Medieval Rhetorician on Old Age," Prof. Robert L. Benson, University of California at Los Angeles. 11.30 a.m.

"Beyond the Topos of Senescence: The Political Problems of Aged Carolingian Rulers," Prof. Paul E. Dutton, Pontifical Institute of Mediaeval Studies. 2 p.m.

"Age, Property, and Career in Medieval Society," Prof. David J. Herlihy, Harvard University. 2.30 p.m.
Registration in lobby both days from 9.30 to 10 a.m. Fee \$10. Information and registration, Centre for Medieval Studies, 978-2380. (Medieval Studies, SGS and SSHRC)

The Semiotics of Metaphor.

Saturday, February 26
"Metaphors in Science," Prof. Anatol Rapoport, Institute of Advanced Studies, Vienna.
"Metaphors in Literature," Prof. C.V. Ponomareff, Division of Humanities, Scarborough College.
Meeting, Toronto Semiotic Circle. 205 New Academic Building. 10 a.m.

The European-Nootkan Maritime Fur Trade in the Late 18th Century.

Monday, February 28
Jasper Lesage, graduate student, Department of Economics; economic history workshop. 3037 Sidney Smith Hall. 8 p.m.
Information and copy of paper in advance, Ursula Gutenberg, room 108, 150 St. George St., 978-8623.

Colloquia

Molecular Architecture: Design, Synthesis and Mechanistic Studies of Chemical Models of Enzymatic Catalysis.

Tuesday, February 22
Prof. Richard F. Gandour, Louisiana State University. 428 Lash Miller Chemical Laboratories. 3.30 p.m.

Inverted Tetrahedral Carbons.

Friday, February 25
Prof. K.B. Wiberg, Yale University. 158 Lash Miller Chemical Laboratories. 3.30 p.m.

From Pluralist to the Corporatist Welfare State — The Way Ahead

Thursday, March 3
Prof. Ramesh Mishra, McMaster University. 7th

floor conference room, Faculty of Social Work. 4 p.m.

Readings

Poetry Writing and Appreciation.

Monday, February 21
Demonstrations by Prof. W.J. Keith; UC poetry readings. Walden Lounge, University College Union. 4.10 p.m.

Bookroom Reading.

Thursday, February 24
Dorothy Livesay, writer in residence, reading from *The Phases of Love*. Croft Chapter House. 4.15 p.m.



STEVE BEHAL

Opera student at the Met

A soprano in her final year in the Faculty of Music's Opera Division, Joanne Kolomyjec has won the district auditions of the Metropolitan Opera, held in Rochester this fall, and, more recently, the regional auditions, held in Toronto. She goes on next month to the semi-finals in New York at the Metropolitan Opera House. Upon graduation, Kolomyjec, who is from Sudbury, will join the Canadian Opera Company as a member of the ensemble.

Before then, she will be performing in two productions at the Edward Johnson Building, Purcell's "Dido and Aeneas" and Ravel's "L'Heure Espagnole". For details, see Public Events.

Films

Les chefs-d'oeuvre à l'écran.

Wednesday, February 23
Fourth of five-part French television series. 292 North Building, Erindale College. 3.10 p.m.
Information: 828-5214.

Memorable Motion Pictures.

Thursday, February 24
"The Big Sleep."
Alice Moulton Room, Sigmund Samuel Library. 6.30 p.m.
Information: Audiovisual Library, 978-6520.

Exhibitions

Blake and the Ancients.

To February 28
Loan exhibition of work by Blake, Romney, Flaxman, Palmer, Richmond, Calvert and Graham Sutherland. Thomas Fisher Rare Book Library. Hours: 9 a.m. to 5 p.m.

Miscellany

POLLUTION PROBE S-Area — The Latest Developments.

Monday, February 21
Seminar on latest developments on toxic chemical wastes in Niagara River area. 7.30 p.m.

Energy Conservation Products.

Tuesday, February 22
Covers various energy conservation problems and products and materials available to deal with them. 7 p.m. Fee \$3.

Renovating? Why Not Retrofit?

Wednesday, March 2
Examination of techniques to reduce fuel consumption by 50 to 90 percent. 7 p.m. Fee \$3.
Ecology House, 12 Madison Ave.
Information on all Pollution Probe activities, 967-0577.

Concerts

HART HOUSE Noon Hour Classical Recitals.

Tuesday, February 22
Wojteck Zak, piano; works by Chopin, Scriabin and Ravel.

Thursday, February 24
Mark Chambers, cello, with Carolyn Jones, piano; works by Schumann, Beethoven and Shostakovich.

Tuesday, March 1
Marianne Gast, piano; works by Bach, Bartok and Schumann.

Thursday, March 3
Marc Becker, clarinet, with Lark Popov, piano; Stravinsky's "L'Histoire du Soldat". East Common Room. 12.10 p.m.

Noon Pop Series.

Friday, February 25
Alex Dean/Chris Conner Quartet, jazz.

Wednesday, March 2
Jennifer Goad, vocalist. East Common Room. 12 noon to 2 p.m.

Guitar Variation Series.

Thursday, March 3
Eric Hill, classical and jazz. Music Room. 8 p.m.

Sunday Afternoon Concerts.

Sunday, March 6
Charlotte Moon, harp. Great Hall. 3 p.m.
Free tickets for HH members available from hall porter. (HH Music Committee)

ROYAL CONSERVATORY OF MUSIC Faculty Concert Series.

Noon Hour.
Concerts at 12.15 p.m.
Patrick Li, Piano.

Wednesday, February 23
Works by Debussy, Scriabin and Schubert; noon hour series.

Wednesday, March 9
William Beauvais, guitar.

Twilight.

Concerts at 5.15 p.m.
Thursday, March 3
Elizabeth Keenan, harpsichord.

Thursday, March 17
Artur Jansons, viola; Randi Schonning, violin; Dianne Werner, piano.
Tickets \$2, students and senior citizens \$1.
Information: 978-3771.

Royal Conservatory Orchestra.

Friday, February 25
Guest conductor Victor Feldbrill; works by Rossini, Harry Freedman, Ravel and Mozart. Orchestral Training Program. Church of the Redeemer, Bloor and Avenue Rd. 8 p.m.
Tickets \$3.50 to \$7.50, students and senior citizens from \$2.75.
Information: Royal Conservatory of Music box office, 978-5470.

EDWARD JOHNSON BUILDING Thursday Afternoon Series.

Compositions by Student Composers.

Thursday, February 24
Student Chamber Music Concert.

Thursday, March 3
Walter Hall. 2.10 p.m.

Faculty Artists Series.

Faculty Artists Composers' Concert.

Saturday, February 26
Works by Hawkins, Klein, Buczynski, Beckwith, Laufer and Kenins; performed by James McLean, tenor, and Gianetta Baril, harp; Leslie Kinton and James Anagnoson, piano duo; Nancy Mathis, violin and Walter Buczynski, piano; and Faculty Ensemble. Walter Hall. 8 p.m.
Tickets \$7, students and senior citizens \$4.50. Free to Faculty Artists Series subscribers.
Information: 978-3744.

Pierre Souvairan, Piano.

Sunday, February 27
Works by Beethoven, Schumann and Franck. Walter Hall. 3 p.m.

Alumni Calendar

Management Studies Alumni Speaker Evening.

Thursday, February 24
"Pay TV in Canada," Don MacPherson, First Choice Canadian Communication Corporation. City Hall Room, Sheraton Centre. 5.30 p.m. Tickets \$18.50 per person include dinner.

Management Studies Alumni Squash Tournament.

Saturday, February 26
Toronto Squash Club, 20 Lombard St. 5.30 p.m. Tickets \$20 include squash, buffet and dance.

Social Work Alumni Conference.

Wednesday, March 2
"Modern Times — Hard Times: Creative Strategies for Social Workers." OISE. 9 a.m. to 5 p.m. Registration: before Feb. 23, \$30, students \$15; at door \$35, students \$20.

Nominations for Alumni-Faculty Award close Friday, March 4.

Association of Alumni Administrators — Ontario.

Friday, March 4
"Management of Volunteers — Recruitment, Retention and Retirement." University Women's Club, 162 St. George St. 9 a.m. to 4 p.m. Registration \$30.

MEETINGS

Engineering Alumni Executive.

Monday, February 21
Alumni House, 6.30 p.m.

UTAA Moss Scholarship.

Mondays, February 21 and 28 and Thursday, February 24
Alumni House. 5.30 p.m.

Victoria College Alumni Executive.

Monday, February 21
Copper Room, Wymilwood. 6.30 p.m.

OISE Alumni Executive.

Tuesday, February 22
OISE. 5.30 p.m.

Woodsworth Alumni Executive.

Tuesday, February 22
Lounge, Woodsworth College. 6.30 p.m.

Nursing Alumni Executive.

Wednesday, February 23
Alumni House. 7.15 p.m.

Senior Alumni Executive.

Thursday, February 24
Alumni House. 9.45 a.m.

Innis College Alumni.

Thursday, February 24
Innis College. 7.30 p.m.

Erindale Alumni Executive.

Wednesday, March 2
3138 South Building, Erindale College. 7.30 p.m.

St. Michael's Alumni Executive.

Wednesday, March 2
Board room, Brennan Hall. 8 p.m.

Graduate faculty in the laboratory sciences

by Keith Yates

Until recently, entry into the graduate faculty has been largely automatic for new tenure-stream staff members in the science departments of this university. All that was required in practice was a letter of nomination to the School of Graduate Studies by the chairman of the graduate department, accompanied by a supporting statement of the staff member's research ability and a *curriculum vitae*. This was certainly the case in the Department of Chemistry over the 20-year period 1960-1980, and I suspect was also the case in other laboratory science departments.

More recently, however, SGS has tightened up its regulations and procedures in this area to the extent that a department's strong recommendation is no longer sufficient to ensure an appointment to the graduate faculty, and there have been cases in the past three years where young staff members have been denied access to graduate student collaborators in the crucial initial period before tenure consideration, in which they are trying to establish an independent research program. The main arguments for denying these young assistant professors initial membership in the graduate faculty appear to be that they have not yet clearly established their independence in research and that they have no experience in supervising graduate students. Even without taking into consideration the obvious fact that none of the more senior staff had such experience before they supervised their first graduate student, these arguments are both unreasonable and self-fulfilling in the sense that exclusion from the graduate faculty will not allow the staff member the means for inclusion, at least in laboratory science areas.

The real problem is that both the nature of research and scholarship, and the working relationship between graduate student and supervisor, vary considerably from division to division of the graduate school. I believe the school fails to appreciate and give adequate recognition to these differences in its attempts to apply its regulations and criteria to all departments, even though these may be totally inappropriate in some cases. Before examining these differences, which I think will be of some interest to non-scientists, let us consider the situation in chemistry departments at other leading North American universities.

I have contacted colleagues in chemistry at five typical large and well-established Canadian universities (UBC, Alberta, Western, McGill and Dalhousie) to determine what procedures were necessary to have new tenure-stream assistant professors included in what we would call graduate faculty membership. The responses were uniform in the sense that graduate appointments are either made automatically, decided by the departmental chairman, or else are a formality simply requiring a letter from the chairman to the graduate dean. The only condition at some universities is that where a new appointee has not yet completed, or actually received his PhD, appointment to the graduate faculty is delayed until he or she has done so, which seems reasonable. Although I have not contacted any US universities directly, my experience of them in chemistry leads me to believe that it would be inconceivable that any major US science department would appoint a new assistant professor and then deny him the opportunity



STEVE BEHAL

to supervise graduate students or to give graduate courses.

One reason for the automatic nature of appointments to the graduate faculty in the sciences is the exhaustive and rigorous nature of the search procedure which takes place before a tenure-stream appointment is made. Anywhere from 50 to 100 applications will be carefully screened, none of whom will have had less than one year's postdoctoral fellowship experience and more usually they will have had several years of postdoctoral work. (The last staff member my own department appointed directly from the PhD program was appointed in 1958.) It should be made clear that this postdoctoral work is not simply an extension of PhD work, either in terms of the research topic involved or the relationship with the supervisor. Postdoctoral fellows are less closely supervised and are given much more opportunity to develop their own independent research ideas. A postdoctoral fellowship is in effect an apprenticeship period for a potential academic staff member. When the short-listed candidates are interviewed, they are not expected merely to present excellent seminars on their recent research activities and answer searching questions in this area, but are also expected to convince staff that they have clear, well thought out research plans for their future independent work. If we had any doubt whatever of a candidate's ability to set up and direct his own research program, he or she would not be appointed in the first place. The staff members who have been appointed in recent years have in my view been subjected to much more rigorous screening procedures and have satisfied more stringent criteria than those in operation when I was appointed, for example, largely due to the highly competitive nature of the current academic job market and the relative rarity of tenure-stream appointments.

I am not suggesting for a moment that screening procedures in non-science areas are any less rigorous, or that the criteria used are any less stringent, since I have no experience

of hiring practices outside of my own discipline. What I am suggesting is that our search procedures are far more detailed and meaningful than any that some non-specialist SGS committee can apply, and that these should be sufficient to ensure that the successful candidates are automatically granted membership in the graduate faculty. It is worth pointing out that NSERC grant selection committees are willing to award these new staff members significant starter grants, largely on the basis that they have in fact been successful in obtaining a tenure-stream appointment, providing three external referees find their research proposal acceptable. Therefore if NSERC is prepared to give these people a chance to develop an independent research program, which includes independent direction of graduate students (since this is one of the main criteria for being eligible for an NSERC grant), why does SGS need to superimpose its regulations and procedures in all areas? Surely SGS would not claim that its standards are higher than those of NSERC, which are based on a well-established and highly regarded international peer review system.

It is quite understandable that SGS wishes to maintain standards, or to raise them, but it will not succeed in this aim merely by applying more stringent across-the-board criteria and procedures to all departments in the hope that these will somehow lead to an improvement in the level of research and graduate work. Since departmental recommendations on appointments to the graduate faculty have been fairly routinely accepted by SGS up until a few years ago, one implication to be drawn from recent rejections is that standards have fallen in the basic science departments and need to be raised. One might ask what evidence there is to support this possibility. If one is to judge by the overall research grant performance of the science departments, the data are available. Although I have not checked recently, I think it very likely that the U of T departments in the basic sciences are the leading departments

in Canada in most, if not all areas, and that our overall performance *vis-à-vis* that in other universities has not only not declined but has significantly improved over the past five to 10 years. This is certainly true in my own discipline.

There are other yardsticks by which to determine whether research standards are being maintained, such as the awards of prestigious fellowships, medals, invited lectureships, editorships and the like. I invite SGS to examine the record in these areas, confident that it will show no evidence of a decline in performance or standards in the basic sciences.

It would be far better for SGS to monitor recent performance in all disciplines, by whatever review procedures it chooses, and attempt to identify specific problem areas or weak graduate departments, and then try to do something about them on an individual rather than across-the-board basis.

The major problem with across-the-board procedures, as mentioned briefly above, is that the nature of graduate work varies tremendously from division to division, and even from department to department. I would imagine that the nature of scholarly work in the humanities, for example, is a very personal, individual one and that graduate student and supervisor are each separately engaged in pursuing their own research topics. I presume that the graduate student's thesis work does not contribute directly to the supervisor's scholarly work, which is reflected by the fact that they do not generally co-publish. I would also presume, for the same reason, that the supervisor's role is purely an advisory, rather than collaborative one. On the other hand, in the physical or life sciences the relationship between graduate student and supervisor is normally of a collaborative, even symbiotic nature. They work together to solve specific research problems, with the graduate student conducting experimental or theoretical work, under the direct supervision of the research director. Planning, consultation and evaluation of research progress is frequent, usually on a weekly or even daily basis. In almost all cases the work resulting in the thesis is published jointly, sometimes with other co-authors (including other graduate students) whose results or conclusions may be closely related, or addressed to different facets of the same problem. Because of the inevitable need for new experimental or theoretical results, the research director is almost as dependent for the progress of his research program on the graduate student as the student is on his supervisor. New staff members especially cannot hope to establish a productive research program without graduate student collaborators. They generally have neither the funds nor the reputation with which to attract more senior collaborators such as postdoctoral fellows or research associates. It is therefore virtually impossible for them to make any significant progress or establish a sound publication record, without access to good graduate students. With the best will in the world, a young assistant professor in a laboratory science cannot establish a reputation by himself. Since most leading research groups in chemistry, for example, consist of five to 30 graduate students and postdoctoral collaborators, a lone experimentalist simply could not compete at a national

Continued on Page 15

U of T should be proud of architecture's record

The Faculty of Architecture & Landscape Architecture faces the possibility of being closed because it is rated as a weak faculty both by the University and its acting dean (appointed by the University administration). One understands the very real financial difficulties the University faces. What is unclear is the method that the University uses to judge both the need for and quality of various schools, departments and faculties under its jurisdiction. In a situation fraught with rumours, gossip and generalizations of the crudest sort I would like to present a few facts. These facts have to do with the graduates of the Department of Architecture and their contribution to the profession. The facts relate only to situations where the graduates are judged by their peers, other practising architects.

Fact #1: The Canadian Architect magazine annually gives awards to projects in the design stage that are submitted from across the country (generally averaging 200 projects per year). A jury comprising the editor (an architect) and two other highly regarded architects (different ones each year) judge the entries.

From 1977 to 1980 there were 39 awards; of those, 15 went to people who graduated from the Department of Architecture between 1969 and 1974. There are 5,700 registered architects in Canada (and many more unregistered architects). There were 254 people who graduated from the graduate and undergraduate programs at the Department of Architecture during 1969-1974. In other words 38 percent of the award-winning projects were designed by members of a group of graduates representing 3.6 percent of the profession. It must be remembered that this is a group fresh out of school and with substantially



less experience than the average architect in Canada.

Fact #2: The national competition for the design of the Edmonton City Hall (1980) attracted 99 entries from across the country. Two of the 12 awards went to projects designed by graduates of the department (1969-1975) and one award went to a staff member of the department whose team was largely made up of recent graduates of the department and current students.

Fact #3: The National Housing Design Competition (1979) run by the Canada Mortgage & Housing Corporation was organized to solicit hypothetical design proposals (with special concerns for energy conservation) for five regions across the country. Eleven of 31 award-winning projects were designed by graduates from the Department of Architecture (1969-1979). In the Ontario region six of the 10 award-winning projects were designed by this group of graduates.

Fact #4: In 1982 the City of Mississauga sponsored a national competition for the design of a new city hall. The first prize was won by a staff member of the department, a visiting professor to the department and a team comprised almost entirely of recent University of Toronto graduate architects. The second prize was

awarded to a former staff member of the department whose principal design associate for the job was a graduate of the department from the early 1970s. The third prize went to a joint venture, 50 percent of whom were U of T graduates. One of the two principal designers from the Toronto group graduated from the department in the late 1970s. The fourth place project was designed by a graduate of the department from the mid-1970s who had as assistants recent graduates and current students. Two of the three honourable mention projects had graduates of the mid to late 1970s as key members of their respective design teams; one of the schemes was in fact designed entirely by University of Toronto graduates.

In summary, graduates from the Department of Architecture from 1969 to 1979 with a few staff members have been principal designers for close to 40 percent of the award-winning projects in national competitions and the annual national design awards in the last six years. This is a record that most universities would be proud of; not so, apparently, this university. Dean Spelt, the man given to us by the administration and who is responsible for putting the case for the existence

of the faculty to the University, said in a recent *Varsity* article: "I can see the University's rationale. Should the whole University be forced to bail out a faculty that didn't use the times when money was available to build a strong faculty? I don't think so."

I have not talked about international awards, substantial built work by this group, the department's excellent record in professional registration courses or the numbers of students doing graduate work at other universities. I have also not discussed the substantial effort that has gone into proposed positive changes to the curriculum under the chairmanship of Tony Santos. I simply wanted to present some facts; facts which I hope might alter the perception of this department as aberrant and weak. The facts indicate a record of recent graduates in open competition that far surpasses any other school of architecture in the country (there are 10 university schools) and indicate standards one might suppose belong to the more respected professional departments in this university.

David Sisam
Assistant Professor
Department of Architecture

Awkwardness preferred

Professor Gittins' letter to the *Bulletin* (Feb. 7) defending the use of "chairman" is, I believe, a reasonable statement of a certain conservative point of view. He acknowledges freely that "There is genuine concern over the advancement of women . . ." but the use of "chairperson" or other forms to avoid "chairman" jars his ears. His opinion is that *-man* in such constructions does not give us information as to the sex of the incumbent.

Without arguing the psychological reality of the presence of maleness in "chairman", it is nevertheless clear that use of the word "chairman" does offend many nowadays. We are forced to choose between offence and cacophony. The extremes of one party say, "Give us tradition, and damn their

sensitivities!"; their opposite numbers say, "Damn the aesthetics; give us neutrality!" My own feeling is that I want to reserve giving offence for special, rather more satisfying, occasions and that although older words have a smoother sound, I am willing to put up with the awkwardness of neologisms a bit.

Fowler, sadly, has indeed joined the grammarians eternal, but Miller and Swift have a useful book, *The Handbook of Nonsexist Writing*. Attempting to find an inoffensive term which sounds good, they recommend "chair". "Chairs" at the U of T used to be "heads". Perhaps one of these will do.

Henry Rogers
Department of Linguistics

Forum

Continued from Page 14

or international level, and almost certainly would not survive in our present tenure system.

This raises the very serious question of the potential impact of SGS decisions regarding graduate membership on tenure considerations. A young staff member in the sciences who was denied access to graduate students in the first two or three years of his or her appointment would find it very difficult indeed to meet the standards normally required for tenure. This would be even more likely if major granting agencies such as NSERC were fully aware of the lack of independence involved at this university, and awarded either a reduced grant or no grant at all over this crucial period. In such a case, the staff member could argue that he or she had not been given the same opportunities to establish a productive research program as those traditionally available to staff in the same department, and in my view should have very strong, if not ironclad, grounds for appeal in the event of a negative tenure decision.

If on the other hand, membership in the graduate faculty were made routinely in the sciences, a staff member who succeeded in being granted tenure would have clearly established his or her ability to conduct independent research and thus to remain a member, whereas one who was denied tenure would thereby be

removed from membership. It is interesting in this regard that in my discussions with colleagues at other universities, the one concern they all expressed was not the procedure for the initial granting of graduate faculty membership, but the more difficult and to them more serious problem of the procedure for withdrawal of membership after long periods of inactivity or demonstrated incompetence.

In conclusion, I believe it is time the graduate school recognized that there are considerable differences in the approach to and philosophy of research and scholarship in the humanities and science departments, particularly as it relates to graduate work. Unless there is firm reason to believe that standards are low in a given department, based on comparisons with similar departments in other leading universities, decisions on graduate faculty membership should be left in the hands of the graduate department. One might even wonder why we bother at this university to distinguish between graduate and undergraduate departments, where professorial staff are concerned, since in any leading university one would have thought it would be assumed that professors are automatically involved in graduate as well as in undergraduate instruction.

Professor Keith Yates is chairman of the Department of Chemistry.

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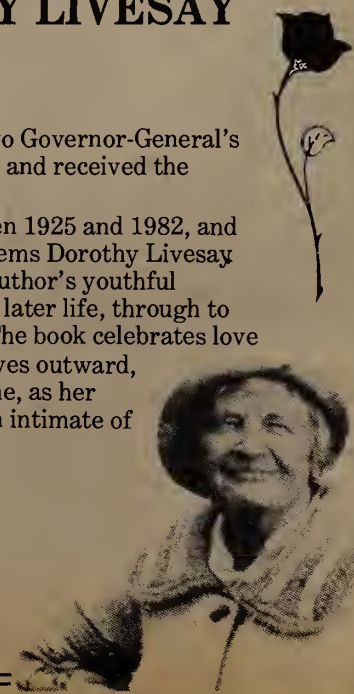
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For more information, call the U of T Bookroom at 978-7088. Autographed copies of *The Phases of Love* will be available.

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LAURENCE EDDY

Letters

Faculty wage demands 'unethical'

The following is an open letter to Professor Harvey Dyck, president of the U of T Faculty Association.

I am told that support staff are being fired or let go from time to time. Some of them have many years of service to the University.

I think it is professionally unethical for your association to be leading the University into insolvency through excessive wage demands so necessitating firings and non-hirings of our administrative colleagues. In addition there is the concomitant non-hiring of young professors.

I have said as much to Vice-President Ivey and passed word to the same effect to President Ham. Professor Ivey says that he agrees with me but my representations should be made to you since the administration has been put into the position of imple-

menting what is before it rather than having control of the matter.

I suggest that you institute a rollback so that the University can comfortably balance its budget with the moneys allotted to it by Mr. Davis and so that the support staff will not have to lose any more worthies to compensate for the greed of professors.

In order to show my acknowledgement of the need for even-handed judgement, I should add that I certainly and obviously do not approve of the several hundred thousand dollar expenditure to refurbish Simcoe Hall.

We cannot possibly develop a great university here if manifestations of irresponsibility are not subdued.

*D. V. Anderson
Department of Mathematics*

Below, at Professor Anderson's suggestion and with Professor Dyck's permission, is Prof. Dyck's response.

You report that you have discussed the effect of the arbitrated salary award on the University's financial position with Vice-President Ivey. You might, more fruitfully, discuss it with Professor Nowlan whose responsibility the budget is or Mr. Pathy, our vice-president for business affairs. Both have stated publicly that the current crisis results not from the salary settlement, but from chronic government underfunding. The tragedy is that our administration has chosen to accept the situation rather than making a strong case to government for better funding or maximize resources and income enhancing potential. Rather, the solution adopted, one strongly opposed by the faculty association, has been to announce that people will be fired. Vice-President Alexander, who is responsible for personnel matters, has said that, in fact, there have been fewer terminations for fiscal reasons this year than last. The administration has, therefore, created unwarranted panic in addition to adopting a defeatist and damaging attitude.

The association has worked this year to change this attitude and inspire the University community to defend itself. We have organized a lobbying workshop, a symposium on alternative funding sources and are planning another on the university and hi-technology. Our other initiatives and suggestions are outlined in a letter published in the *Bulletin* Dec. 20, 1982.

The 18 percent salary award must be seen in the context of 10 years of substandard salaries and significant erosion of purchasing power. Over the past decade the involuntary collective subsidy of the public purse made by faculty, librarians — and staff — amounts to a sum sufficient to pay the entire faculty, librarian and staff complement for a full year.

I hope we may have your support in urging the new President to make a strong commitment to lobbying, fundraising and the defence of this great institution and its members.

*Harvey L. Dyck
President
U of T Faculty Association*

Classified

A classified ad costs \$5 for up to 35 words and \$.25 for each additional word. Your name counts as one word as does your phone number, but the components of your address will each be counted as a word.

A cheque or money order payable to University of Toronto must accompany your ad.

Ads must be submitted in writing, 10 days before *Bulletin* publication date, to Marion de Courcy-Ireland, Information Services, 45 Willcocks St. Ads will not be accepted over the phone.

Accommodation

Sabbatical Rental. June 1983 - August 1984. Renovated Edwardian townhouse 10 minute walk to U of T and rapid transit to York. Sleeps 3-5, with one or two studies. No parking. All appliances, \$900 monthly; dates and rates negotiable for careful tenant. Phone Warkentin, (416) 920-0248, evenings.

Accommodation wanted. University family seeks three or four bedroom rental home for one year effective May or June 1983. High Park or area close to schools preferred. Phone 604-873-1162.

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Short Let — Furnished town house, Leslie/York Mills area. 3 bedrooms, etc. Reasonable rent. April 1-Aug. 15. 35 minutes to St. George by TTC. Phone 978-4452 or 445-3527.

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Walking distance of classes. Completely renovated, 3 storey, just south of College. 3 bedrooms, 2 bathrooms. Spacious living room with fireplace. Modern kitchen with dining area. Roomy loft with fireplace could be bedroom or studio/library. Walk-out to small, private garden. Sunny deck. Finished, divided basement. Asking \$134,900.00. Donald Smith, 424-4900.

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Summer Rental — Yonge & St. Clair. May 1 - August 31, 2 bedroom furnished professor's apartment, adult building, underground parking, corner Yonge & St. Clair, \$409/mo. for professional tenant. 929-9092, evenings.

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House for Sale: Campus area (Harbord and Borden), 3 bedroom semi-detached, asking \$79,000. Private sale. Telephone: Marvin 475-5550 or 663-7487 (evenings).

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One bedroom apartment for rent on third floor of Victorian house. Clean, bright. Broadloom, skylights. Doors to roof, potential garden. 10-minute walk to campus. For quiet non-smoker. \$450 including parking and utilities. Gail Muir, 961-6791.

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Cottage wanted for rent within sound of the loon, by librarian, husband, 9-year-old son, for one week (or two), July or August. B. Oziewicz, 978-8973 (days); 481-1774 (evenings).

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Job Openings

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the Personnel Office for further information. The number in brackets following the name of the department in the list indicates the personnel officer responsible. Please call:

(1) Sylvia Holland, 978-6470; (2) Steve Dyce, 978-5468; (3) Jack Johnston, 978-4419; (4) Elaine Preston, 978-2112; (5) Barbara Marshall, 978-4834; (6) Penny Tai-Pow, 978-6496.

Secretary II (\$15,140 - 17,810 - 20,480) Dean's Office, Medicine (4)

Administrative Assistant I (\$16,850 - 19,820 - 22,790) Admissions (2), Community Health (1)

Laboratory Technician II (\$16,850 - 19,820 - 22,790) Banting & Best Medical Research (2), Physiology (2), Occupational & Environmental Health (2)

Supervisor, Program Promotion (\$18,620 - 21,900 - 25,180) Continuing Studies (4)

Research Officer I (\$15,140 - 17,810 - 20,480) Records of Early English Drama, 55 percent full-time (3)

Arena & Stadium Supervisor (\$17,110 - 20,830 - 23,950) Athletics & Recreation (2)

Accounting Manager (\$29,810 - 35,070 - 40,330) Business Affairs (3), Comptroller's Office (3)

Professional Engineering Officer I (\$22,920 - 26,960 - 31,000) Acoustic Optic Research Lab, 50 percent full-time (3)

Horticulturist III (\$20,660 - 24,300 - 27,940) Erindale (4)

Director of Student Affairs (\$31,380 - 36,920 - 42,460) Arts & Science (4)

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Administrative Assistant II (\$21,830 - 25,680 - 29,530) U of T Press (1)



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